

Irrigation Catalogue

Joining Solutions | Drip Irrigation | Valve Boxes | Landscape Solutions



Four good reasons why our customers rely on us



Brands trusted by professionals

Combine the manufacturing expertise of NORMA, a market leader for joining solutions, and NDS, the preferred choice for Water Management products in the US, and you get brands trusted by professionals.



Fit and forget

We engineer our products to stand for superior performance, durability and ease of installation. With our products you get the job done, once and for all.



Search and you will find

We are the only manufacturer offering irrigation, drainage, landscape and joining solutions from one source. So, whatever your challenge may be, our pick and mix range will help you to find the answer.



Always well-advised

We believe in personal service backed by expert advice – our customers have valued this for decades as we have grown together, both locally and globally.

IRRIGATION SOLUTIONS

Connected To Let It Flow

Excellent product performance, diverse applications and easy installation – as one of the world's most innovative suppliers of joining technology, NORMA Group has over 60 years of experience in delivering optimal solutions for your needs. Landscaping, agriculture or construction – NORMA Water Management now offers all our business partners exceptionally efficient irrigation and drainage solutions.

Headquartered in Maintal, Germany, NORMA Group has a global network, which includes 28 manufacturing facilities as well as numerous sales and distribution sites across Europe, Americas, and Asia-Pacific. The company offers more than 35,000 high-quality products and solutions to customers in 100 countries in a wide range of industries.

Our irrigation brands: NDS & NORMA

With 45 years of experience delivering the highest quality products and support, NDS is a leading US provider of water management solutions, particularly for irrigation and drainage. NDS Professional Irrigation and Professional Drainage have been preferred brands in the professional sector for many decades. As a member of NORMA Group, NDS products are now also available in Europe.



Recognized for its clamping and joining technology, NORMA meets the rigorous requirements of the automotive, construction and shipbuilding industries, where it serves a variety of purposes such as joining supply and discharge applications. Uncompromising quality and reliability have also made NORMA the preferred brand for agricultural applications, structural and civil engineering as well as sanitary solutions.



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01 Irrigation Joining Solutions



NORMA Group, the world's leading manufacturer of connecting solutions, now offers high-quality joining solutions to meet irrigation needs.

They are suitable for both landscape and agriculture based irrigation. The product offering includes compression fittings, ball valves, threaded fittings and clamp saddles.



Categories & Key Products



Compression Fittings

High-performance compression fittings

- Available in both PN10 & PN16 versions
- Suitable for highly demanding applications
- High UV and temperature resistance
- Fast and easy connection

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Ball Valves NEW

High-quality nylon based ball valves

- Full flow design
- High UV resistance
- Higher resistance to mechanical impacts
- Available in blue and purple handle variants

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Threaded Fittings NEW

One of the largest ranges in the market

- PN16 rated products
- Durable nylon based high-quality fittings
- Strong sealing effect
- Suitable for harsh weather conditions

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Clamp Saddles

Ideal solution for branching from existing pipelines

- Working pressure of 12.5 bar
- High-quality product with reinforced stainless steel ring
- Used for landscape irrigations needs
- Each unit comes with integrated zinc-plated bolts and nuts

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NORMA PN 16

01.



High-performance compression fittings by NORMA



- ✓ Ideal for high-pressure applications
- ✓ Perfect water tightness
- ✓ Fast and easy connection
- ✓ Locking nut for clinching system
- ✓ High UV and temperature resistance
- ✓ Safe and durable

Love what you see? Here are some more products you may like.



NORMA PC Dripline
Page 44



Smart-Loc™ Fitting
Page 48

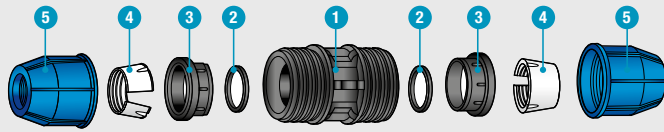


NORMA Ball Valve
Page 30



Order a sample online!

Technical Information



- | | |
|----------|------------------|
| 1 Body | 4 Clinching ring |
| 2 O-ring | 5 Locking nut |
| 3 Holder | |

Applications

Ideally suited for higher demanding irrigation applications like public parks, sports fields, golf courses and high-end agriculture based irrigation. It is also suited for industrial application.

Material

Working pressure: 16 bar (PN16) up to $\varnothing$ 63 mm and 12.5 bar for $\varnothing$ larger than 63 mm.

- Body: Polypropylene
- O-ring: NBR
- Holder: Polypropylene
- Clinching ring: POM (Acetal)
- Locking nut: Polypropylene

Male Threaded Adaptor - MA

Product picture	Male Threaded Adaptor - MA				
	Part number	Description	Colour	Size (mm x inch)	Packaging details
					Bag qty. (pcs) / Box qty. (pcs)
	0796 2601 111	Male Threaded Adaptor (MA) - 16 x 1/2"	Blue	16 x 1/2	10 / 800
	0796 2601 112	Male Threaded Adaptor (MA) - 16 x 3/4"	Blue	16 x 3/4	10 / 800
	0796 2651 118	Male Threaded Adaptor (MA) - 20 x 1/2"	Blue	20 x 1/2	10 / 400
	0796 2651 120	Male Threaded Adaptor (MA) - 20 x 3/4"	Blue	20 x 3/4	10 / 400
	0796 2651 117	Male Threaded Adaptor (MA) - 20 x 1"	Blue	20 x 1	10 / 400
	0796 2651 121	Male Threaded Adaptor (MA) - 25 x 1/2"	Blue	25 x 1/2	10 / 250
	0796 2651 122	Male Threaded Adaptor (MA) - 25 x 3/4"	Blue	25 x 3/4	10 / 250
	0796 2651 124	Male Threaded Adaptor (MA) - 25 x 1"	Blue	25 x 1	10 / 250
	0796 2651 126	Male Threaded Adaptor (MA) - 32 x 1/2"	Blue	32 x 1/2	10 / 160
	0796 2651 127	Male Threaded Adaptor (MA) - 32 x 3/4"	Blue	32 x 3/4	10 / 160
	0796 2651 128	Male Threaded Adaptor (MA) - 32 x 1"	Blue	32 x 1	10 / 160
	0796 2651 130	Male Threaded Adaptor (MA) - 32 x 1 1/4"	Blue	32 x 1 1/4	10 / 160
	0796 2651 131	Male Threaded Adaptor (MA) - 40 x 3/4"	Blue	40 x 3/4	20 / 100
	0796 2651 132	Male Threaded Adaptor (MA) - 40 x 1"	Blue	40 x 1	20 / 100
	0796 2651 133	Male Threaded Adaptor (MA) - 40 x 1 1/4"	Blue	40 x 1 1/4	20 / 100
	0796 2651 134	Male Threaded Adaptor (MA) - 40 x 1 1/2"	Blue	40 x 1 1/2	20 / 100
	0796 2651 135	Male Threaded Adaptor (MA) - 50 x 1 1/4"	Blue	50 x 1 1/4	10 / 50
	0796 2651 136	Male Threaded Adaptor (MA) - 50 x 1 1/2"	Blue	50 x 1 1/2	10 / 50
	0796 2651 137	Male Threaded Adaptor (MA) - 50 x 2"	Blue	50 x 2	10 / 50
	0796 2651 138	Male Threaded Adaptor (MA) - 63 x 1 1/2"	Blue	63 x 1 1/2	8 / 32
	0796 2651 139	Male Threaded Adaptor (MA) - 63 x 2"	Blue	63 x 2	8 / 32
	0796 2640 310	Male Threaded Adaptor (MA) - 75 x 2"	Blue	75 x 2	1 / 25
	0796 2640 311	Male Threaded Adaptor (MA) - 75 x 2 1/2"	Blue	75 x 2 1/2	1 / 25
	0796 2640 312	Male Threaded Adaptor (MA) - 90 x 3"	Blue	90 x 3	1 / 16
	0796 2640 313	Male Threaded Adaptor (MA) - 110 x 4"	Blue	110 x 4	1 / 8

Female Threaded Adaptor - FA

01.

Product picture	Female Threaded Adaptor - FA				
	Part number	Description	Colour	Size (mm x inch)	Packaging details
					Bag qty. (pcs) / Box qty. (pcs)
	0796 2602 111	Female Threaded Adaptor (FA) - 16 x 1/2"	Blue	16 x 1/2	10 / 800
	0796 2602 112	Female Threaded Adaptor (FA) - 16 x 3/4"	Blue	16 x 3/4	10 / 800
	0796 2651 018	Female Threaded Adaptor (FA) - 20 x 1/2"	Blue	20 x 1/2	10 / 400
	0796 2651 020	Female Threaded Adaptor (FA) - 20 x 3/4"	Blue	20 x 3/4	10 / 400
	0796 2651 022	Female Threaded Adaptor (FA) - 25 x 1/2"	Blue	25 x 1/2	10 / 250
	0796 2651 025	Female Threaded Adaptor (FA) - 25 x 3/4"	Blue	25 x 3/4	10 / 250
	0796 2651 028	Female Threaded Adaptor (FA) - 25 x 1"	Blue	25 x 1	10 / 250
	0796 2651 030	Female Threaded Adaptor (FA) - 32 x 3/4"	Blue	32 x 3/4	10 / 160
	0796 2651 033	Female Threaded Adaptor (FA) - 32 x 1"	Blue	32 x 1	10 / 160
	0796 2651 035	Female Threaded Adaptor (FA) - 32 x 1 1/4"	Blue	32 x 1 1/4	10 / 160
	0796 2651 037	Female Threaded Adaptor (FA) - 40 x 1"	Blue	40 x 1	20 / 100
	0796 2651 039	Female Threaded Adaptor (FA) - 40 x 1 1/4"	Blue	40 x 1 1/4	20 / 100
	0796 2651 041	Female Threaded Adaptor (FA) - 40 x 1 1/2"	Blue	40 x 1 1/2	20 / 100
	0796 2651 043	Female Threaded Adaptor (FA) - 50 x 1 1/2"	Blue	50 x 1 1/2	10 / 50
	0796 2651 045	Female Threaded Adaptor (FA) - 50 x 2"	Blue	50 x 2	10 / 50
	0796 2651 047	Female Threaded Adaptor (FA) - 63 x 1 1/2"	Blue	63 x 1 1/2	8 / 32
	0796 2651 049	Female Threaded Adaptor (FA) - 63 x 2"	Blue	63 x 2	8 / 32
	0796 2640 291	Female Threaded Adaptor (FA) - 75 x 2"	Blue	75 x 2	1 / 25
	0796 2640 293	Female Threaded Adaptor (FA) - 75 x 2 1/2"	Blue	75 x 2 1/2	1 / 25
	0796 2640 295	Female Threaded Adaptor (FA) - 90 x 3"	Blue	90 x 3	1 / 16
	0796 2640 297	Female Threaded Adaptor (FA) - 110 x 4"	Blue	110 x 4	1 / 8

Male Threaded Tee - MT

Product picture	Male Threaded Tee - MT				
	Part number	Description	Colour	Size (mm x inch)	Packaging details
					Bag qty. (pcs) / Box qty. (pcs)
	0796 2603 111	Male Threaded Tee (MT) - 16 x 1/2"	Blue	16 x 1/2	10 / 400
	0796 2603 112	Male Threaded Tee (MT) - 16 x 3/4"	Blue	16 x 3/4	10 / 400
	0796 2651 154	Male Threaded Tee (MT) - 20 x 1/2"	Blue	20 x 1/2	10 / 160
	0796 2651 155	Male Threaded Tee (MT) - 20 x 3/4"	Blue	20 x 3/4	10 / 160
	0796 2651 156	Male Threaded Tee (MT) - 25 x 1/2"	Blue	25 x 1/2	10 / 100
	0796 2651 157	Male Threaded Tee (MT) - 25 x 3/4"	Blue	25 x 3/4	10 / 100
	0796 2651 158	Male Threaded Tee (MT) - 25 x 1"	Blue	25 x 1	10 / 100
	0796 2651 159	Male Threaded Tee (MT) - 32 x 3/4"	Blue	32 x 3/4	10 / 70
	0796 2651 160	Male Threaded Tee (MT) - 32 x 1"	Blue	32 x 1	10 / 70

Product picture	Male Threaded Tee - MT				
	Part number	Description	Colour	Size (mm x inch)	Packaging details
					Bag qty. (pcs) / Box qty. (pcs)
	0796 2651 161	Male Threaded Tee (MT) - 40 x 1"	Blue	40 x 1	8 / 32
	0796 2651 162	Male Threaded Tee (MT) - 40 x 1 1/4"	Blue	40 x 1 1/4	8 / 32
	0796 2651 163	Male Threaded Tee (MT) - 50 x 1 1/4"	Blue	50 x 1 1/4	6 / 24
	0796 2651 164	Male Threaded Tee (MT) - 50 x 1 1/2"	Blue	50 x 1 1/2	6 / 24
	0796 2651 165	Male Threaded Tee (MT) - 63 x 2"	Blue	63 x 2	1 / 15
	0796 2640 318	Male Threaded Tee (MT) - 75 x 2"	Blue	75 x 2	1 / 10
	0796 2640 319	Male Threaded Tee (MT) - 75 x 2 1/2"	Blue	75 x 2 1/2	1 / 10
	0796 2640 320	Male Threaded Tee (MT) - 90 x 3"	Blue	90 x 3	1 / 6
	0796 2640 321	Male Threaded Tee (MT) - 110 x 4"	Blue	110 x 4	1 / 3

Female Threaded Tee - FT

Product picture	Female Threaded Tee - FT				
	Part number	Description	Colour	Size (mm x inch)	Packaging details
					Bag qty. (pcs) / Box qty. (pcs)
	0796 2604 111	Female Threaded Tee (FT) - 16 x 1/2"	Blue	16 x 1/2	10 / 350
	0796 2604 112	Female Threaded Tee (FT) - 16 x 3/4"	Blue	16 x 3/4	10 / 350
	0796 2651 088	Female Threaded Tee (FT) - 20 x 1/2"	Blue	20 x 1/2	10 / 160
	0796 2651 090	Female Threaded Tee (FT) - 20 x 3/4"	Blue	20 x 3/4	10 / 160
	0796 2651 092	Female Threaded Tee (FT) - 25 x 1/2"	Blue	25 x 1/2	10 / 100
	0796 2651 094	Female Threaded Tee (FT) - 25 x 3/4"	Blue	25 x 3/4	10 / 100
	0796 2651 096	Female Threaded Tee (FT) - 25 x 1"	Blue	25 x 1	10 / 100
	0796 2651 098	Female Threaded Tee (FT) - 32 x 3/4"	Blue	32 x 3/4	10 / 70
	0796 2651 100	Female Threaded Tee (FT) - 32 x 1"	Blue	32 x 1	10 / 70
	0796 2651 102	Female Threaded Tee (FT) - 32 x 1 1/4"	Blue	32 x 1 1/4	10 / 70
	0796 2651 104	Female Threaded Tee (FT) - 40 x 1"	Blue	40 x 1	8 / 32
	0796 2651 106	Female Threaded Tee (FT) - 40 x 1 1/4"	Blue	40 x 1 1/4	8 / 32
	0796 2651 108	Female Threaded Tee (FT) - 40 x 1 1/2"	Blue	40 x 1 1/2	8 / 32
	0796 2651 110	Female Threaded Tee (FT) - 50 x 1 1/2"	Blue	50 x 1 1/2	6 / 24
	0796 2651 112	Female Threaded Tee (FT) - 50 x 2"	Blue	50 x 2	6 / 24
	0796 2651 114	Female Threaded Tee (FT) - 63 x 1 1/2"	Blue	63 x 1 1/2	1 / 15
	0796 2651 116	Female Threaded Tee (FT) - 63 x 2"	Blue	63 x 2	1 / 15
	0796 2640 305	Female Threaded Tee (FT) - 75 x 2 1/2"	Blue	75 x 2 1/2	1 / 10
	0796 2640 307	Female Threaded Tee (FT) - 90 x 3"	Blue	90 x 3	1 / 6
	0796 2640 309	Female Threaded Tee (FT) - 110 x 4"	Blue	110 x 4	1 / 3

Male Threaded Elbow - MB

01.

Product picture	Male Threaded Elbow - MB				
	Part number	Description	Colour	Size (mm x inch)	Packaging details
					Bag qty. (pcs) / Box qty. (pcs)
	0796 2605 111	Male Threaded Elbow - Male Bend 90° (MB) - 16 x 1/2"	Blue	16 x 1/2	10 / 600
	0796 2605 112	Male Threaded Elbow - Male Bend 90° (MB) - 16 x 3/4"	Blue	16 x 3/4	10 / 600
	0796 2651 140	Male Threaded Elbow - Male Bend 90° (MB) - 20 x 1/2"	Blue	20 x 1/2	10 / 300
	0796 2651 141	Male Threaded Elbow - Male Bend 90° (MB) - 20 x 3/4"	Blue	20 x 3/4	10 / 300
	0796 2651 142	Male Threaded Elbow - Male Bend 90° (MB) - 25 x 1/2"	Blue	25 x 1/2	10 / 200
	0796 2651 143	Male Threaded Elbow - Male Bend 90° (MB) - 25 x 3/4"	Blue	25 x 3/4	10 / 200
	0796 2651 144	Male Threaded Elbow - Male Bend 90° (MB) - 25 x 1"	Blue	25 x 1	10 / 200
	0796 2651 145	Male Threaded Elbow - Male Bend 90° (MB) - 32 x 3/4"	Blue	32 x 3/4	10 / 120
	0796 2651 146	Male Threaded Elbow - Male Bend 90° (MB) - 32 x 1"	Blue	32 x 1	10 / 120
	0796 2651 147	Male Threaded Elbow - Male Bend 90° (MB) - 40 x 1"	Blue	40 x 1	16 / 64
	0796 2651 148	Male Threaded Elbow - Male Bend 90° (MB) - 40 x 1 1/4"	Blue	40 x 1 1/4	16 / 64
	0796 2651 149	Male Threaded Elbow - Male Bend 90° (MB) - 40 x 1 1/2"	Blue	40 x 1 1/2	16 / 64
	0796 2651 150	Male Threaded Elbow - Male Bend 90° (MB) - 50 x 1 1/4"	Blue	50 x 1 1/4	10 / 40
	0796 2651 151	Male Threaded Elbow - Male Bend 90° (MB) - 50 x 1 1/2"	Blue	50 x 1 1/2	10 / 40
	0796 2651 152	Male Threaded Elbow - Male Bend 90° (MB) - 50 x 2"	Blue	50 x 2	10 / 40
	0796 2651 153	Male Threaded Elbow - Male Bend 90° (MB) - 63 x 2"	Blue	63 x 2	6 / 24
	0796 2640 314	Male Threaded Elbow - Male Bend 90° (MB) - 75 x 2"	Blue	75 x 2	1 / 16
	0796 2640 315	Male Threaded Elbow - Male Bend 90° (MB) - 75 x 2 1/2"	Blue	75 x 2 1/2	1 / 16
	0796 2640 316	Male Threaded Elbow - Male Bend 90° (MB) - 90 x 3"	Blue	90 x 3	1 / 10
	0796 2640 317	Male Threaded Elbow - Male Bend 90° (MB) - 110 x 4"	Blue	110 x 4	1 / 6

Female Threaded Elbow - FB

Product picture	Female Threaded Elbow - FB				
	Part number	Description	Colour	Size (mm x inch)	Packaging details
					Bag qty. (pcs) / Box qty. (pcs)
	0796 2606 111	Female Threaded Elbow - Female Bend 90° (FB) - 16 x 1/2"	Blue	16 x 1/2	10 / 600
	0796 2606 112	Female Threaded Elbow - Female Bend 90° (FB) - 16 x 3/4"	Blue	16 x 3/4	10 / 600
	0796 2651 051	Female Threaded Elbow - Female Bend 90° (FB) - 20 x 1/2"	Blue	20 x 1/2	10 / 300
	0796 2651 054	Female Threaded Elbow - Female Bend 90° (FB) - 20 x 3/4"	Blue	20 x 3/4	10 / 300
	0796 2651 056	Female Threaded Elbow - Female Bend 90° (FB) - 25 x 1/2"	Blue	25 x 1/2	10 / 200
	0796 2651 059	Female Threaded Elbow - Female Bend 90° (FB) - 25 x 3/4"	Blue	25 x 3/4	10 / 200
	0796 2651 061	Female Threaded Elbow - Female Bend 90° (FB) - 25 x 1"	Blue	25 x 1	10 / 200
	0796 2651 063	Female Threaded Elbow - Female Bend 90° (FB) - 32 x 1/2"	Blue	32 x 1/2	10 / 120
	0796 2651 065	Female Threaded Elbow - Female Bend 90° (FB) - 32 x 3/4"	Blue	32 x 3/4	10 / 120
	0796 2651 068	Female Threaded Elbow - Female Bend 90° (FB) - 32 x 1"	Blue	32 x 1	10 / 120

Product picture	Female Threaded Elbow - FB				
	Part number	Description	Colour	Size (mm x inch)	Packaging details
					Bag qty. (pcs) / Box qty. (pcs)
	0796 2651 070	Female Threaded Elbow - Female Bend 90° (FB) - 32 x 1 1/4"	Blue	32 x 1 1/4	10 / 120
	0796 2651 072	Female Threaded Elbow - Female Bend 90° (FB) - 40 x 1"	Blue	40 x 1	16 / 64
	0796 2651 074	Female Threaded Elbow - Female Bend 90° (FB) - 40 x 1 1/4"	Blue	40 x 1 1/4	16 / 64
	0796 2651 076	Female Threaded Elbow - Female Bend 90° (FB) - 40 x 1 1/2"	Blue	40 x 1 1/2	16 / 64
	0796 2651 078	Female Threaded Elbow - Female Bend 90° (FB) - 50 x 1 1/4"	Blue	50 x 1 1/4	10 / 40
	0796 2651 080	Female Threaded Elbow - Female Bend 90° (FB) - 50 x 1 1/2"	Blue	50 x 1 1/2	10 / 40
	0796 2651 082	Female Threaded Elbow - Female Bend 90° (FB) - 50 x 2"	Blue	50 x 2	10 / 40
	0796 2651 084	Female Threaded Elbow - Female Bend 90° (FB) - 63 x 1 1/2"	Blue	63 x 1 1/2	6 / 24
	0796 2651 086	Female Threaded Elbow - Female Bend 90° (FB) - 63 x 2"	Blue	63 x 2	6 / 24
	0796 2640 299	Female Threaded Elbow - Female Bend 90° (FB) - 75 x 2 1/2"	Blue	75 x 2 1/2	1 / 16
	0796 2640 301	Female Threaded Elbow - Female Bend 90° (FB) - 90 x 3"	Blue	90 x 3	1 / 10
	0796 2640 303	Female Threaded Elbow - Female Bend 90° (FB) - 110 x 4"	Blue	110 x 4	1 / 6

Straight Coupler - SC

Product picture	Straight Coupler - SC				
	Part number	Description	Colour	Size (mm)	Packaging details
					Bag qty. (pcs) / Box qty. (pcs)
	0796 2607 111	Straight Coupler (SC) - 16	Blue	16	10 / 500
	0796 2651 191	Straight Coupler (SC) - 20	Blue	20	10 / 250
	0796 2651 192	Straight Coupler (SC) - 25	Blue	25	10 / 150
	0796 2651 193	Straight Coupler (SC) - 32	Blue	32	10 / 100
	0796 2651 194	Straight Coupler (SC) - 40	Blue	40	10 / 50
	0796 2651 195	Straight Coupler (SC) - 50	Blue	50	8 / 32
	0796 2651 196	Straight Coupler (SC) - 63	Blue	63	1 / 20
	0796 2640 334	Straight Coupler (SC) - 75	Blue	75	1 / 14
	0796 2640 335	Straight Coupler (SC) - 90	Blue	90	1 / 12
	0796 2640 336	Straight Coupler (SC) - 110	Blue	110	1 / 5

Equal Bend - EB

Product picture	Equal Bend - EB				
	Part number	Description	Colour	Size (mm)	Packaging details
					Bag qty. (pcs) / Box qty. (pcs)
	0796 2608 111	Equal Bend (EB) - 16	Blue	16	10 / 500
	0796 2650 998	Equal Bend (EB) - 20	Blue	20	10 / 250
	0796 2650 999	Equal Bend (EB) - 25	Blue	25	10 / 150
	0796 2651 000	Equal Bend (EB) - 32	Blue	32	10 / 80
	0796 2651 001	Equal Bend (EB) - 40	Blue	40	10 / 50
	0796 2651 002	Equal Bend (EB) - 50	Blue	50	8 / 32
	0796 2651 003	Equal Bend (EB) - 63	Blue	63	5 / 15
	0796 2640 281	Equal Bend (EB) - 75	Blue	75	1 / 12
	0796 2640 282	Equal Bend (EB) - 90	Blue	90	1 / 8
	0796 2640 283	Equal Bend (EB) - 110	Blue	110	1 / 4

Equal Tee - ET

Product picture	Equal Tee - ET				
	Part number	Description	Colour	Size (mm)	Packaging details
					Bag qty. (pcs) / Box qty. (pcs)
	0796 2609 111	Equal Tee (ET) - 16	Blue	16	10 / 300
	0796 2651 010	Equal Tee (ET) - 20	Blue	20	10 / 150
	0796 2651 011	Equal Tee (ET) - 25	Blue	25	10 / 100
	0796 2651 012	Equal Tee (ET) - 32	Blue	32	10 / 50
	0796 2651 013	Equal Tee (ET) - 40	Blue	40	8 / 32
	0796 2651 014	Equal Tee (ET) - 50	Blue	50	5 / 20
	0796 2651 015	Equal Tee (ET) - 63	Blue	63	1 / 12
	0796 2640 287	Equal Tee (ET) - 75	Blue	75	1 / 8
	0796 2640 288	Equal Tee (ET) - 90	Blue	90	1 / 5
	0796 2640 289	Equal Tee (ET) - 110	Blue	110	1 / 3

End Cap - EC

Product picture	End Cap - EC				
	Part number	Description	Colour	Size (mm)	Packaging details
					Bag qty. (pcs) / Box qty. (pcs)
	0796 2610 111	End Cap (EC) - 16	Blue	16	10 / 1000
	0796 2651 004	End Cap (EC) - 20	Blue	20	10 / 400
	0796 2651 005	End Cap (EC) - 25	Blue	25	10 / 250
	0796 2651 006	End Cap (EC) - 32	Blue	32	10 / 160
	0796 2651 007	End Cap (EC) - 40	Blue	40	20 / 100
	0796 2651 008	End Cap (EC) - 50	Blue	50	10 / 50
	0796 2651 009	End Cap (EC) - 63	Blue	63	8 / 32
	0796 2640 284	End Cap (EC) - 75	Blue	75	1 / 25
	0796 2640 285	End Cap (EC) - 90	Blue	90	1 / 16
	0796 2640 286	End Cap (EC) - 110	Blue	110	1 / 8

Reducing Coupler - RC

Product picture	Reducing Coupler - RC				
	Part number	Description	Colour	Size (mm x mm)	Packaging details
					Bag qty. (pcs) / Box qty. (pcs)
	0796 2611 111	Reducing Coupler (RC) - 20 x 16	Blue	20 x 16	10 / 400
	0796 2651 166	Reducing Coupler (RC) - 25 x 20	Blue	25 x 20	10 / 200
	0796 2651 167	Reducing Coupler (RC) - 32 x 20	Blue	32 x 20	10 / 120
	0796 2651 168	Reducing Coupler (RC) - 32 x 25	Blue	32 x 25	10 / 120
	0796 2651 169	Reducing Coupler (RC) - 40 x 20	Blue	40 x 20	15 / 60
	0796 2651 170	Reducing Coupler (RC) - 40 x 25	Blue	40 x 25	15 / 60
	0796 2651 171	Reducing Coupler (RC) - 40 x 32	Blue	40 x 32	15 / 60
	0796 2651 172	Reducing Coupler (RC) - 50 x 20	Blue	50 x 20	10 / 50
	0796 2651 173	Reducing Coupler (RC) - 50 x 25	Blue	50 x 25	10 / 50
	0796 2651 174	Reducing Coupler (RC) - 50 x 32	Blue	50 x 32	10 / 50
	0796 2651 175	Reducing Coupler (RC) - 50 x 40	Blue	50 x 40	8 / 32
	0796 2651 176	Reducing Coupler (RC) - 63 x 25	Blue	63 x 25	6 / 30
	0796 2651 177	Reducing Coupler (RC) - 63 x 32	Blue	63 x 32	6 / 30
	0796 2651 178	Reducing Coupler (RC) - 63 x 40	Blue	63 x 40	6 / 24
	0796 2651 179	Reducing Coupler (RC) - 63 x 50	Blue	63 x 50	6 / 24
	0796 2640 322	Reducing Coupler (RC) - 75 x 40	Blue	75 x 40	1 / 16
	0796 2640 323	Reducing Coupler (RC) - 75 x 50	Blue	75 x 50	1 / 16
	0796 2640 324	Reducing Coupler (RC) - 75 x 63	Blue	75 x 63	1 / 16
	0796 2640 325	Reducing Coupler (RC) - 90 x 63	Blue	90 x 63	1 / 12
	0796 2640 326	Reducing Coupler (RC) - 90 x 75	Blue	90 x 75	1 / 12
	0796 2640 327	Reducing Coupler (RC) - 110 x 90	Blue	110 x 90	1 / 6

Reducing Tee - RT

Product picture	Reducing Tee - RT				
	Part number	Description	Colour	Size (mm x mm)	Packaging details
					Bag qty. (pcs) / Box qty. (pcs)
	0796 2651 180	Reducing Tee (RT) - 25 x 20	Blue	25 x 20	10 / 100
	0796 2651 181	Reducing Tee (RT) - 32 x 20	Blue	32 x 20	10 / 70
	0796 2651 182	Reducing Tee (RT) - 32 x 25	Blue	32 x 25	10 / 70
	0796 2651 183	Reducing Tee (RT) - 40 x 25	Blue	40 x 25	8 / 32
	0796 2651 184	Reducing Tee (RT) - 40 x 32	Blue	40 x 32	8 / 32
	0796 2651 185	Reducing Tee (RT) - 50 x 25	Blue	50 x 25	6 / 24
	0796 2651 186	Reducing Tee (RT) - 50 x 32	Blue	50 x 32	6 / 24
	0796 2651 187	Reducing Tee (RT) - 50 x 40	Blue	50 x 40	5 / 20
	0796 2651 188	Reducing Tee (RT) - 63 x 32	Blue	63 x 32	1 / 15
	0796 2651 189	Reducing Tee (RT) - 63 x 40	Blue	63 x 40	1 / 15
	0796 2651 190	Reducing Tee (RT) - 63 x 50	Blue	63 x 50	1 / 12
	0796 2640 328	Reducing Tee (RT) - 75 x 40	Blue	75 x 40	1 / 8
	0796 2640 329	Reducing Tee (RT) - 75 x 50	Blue	75 x 50	1 / 8
	0796 2640 330	Reducing Tee (RT) - 75 x 63	Blue	75 x 63	1 / 8
	0796 2640 331	Reducing Tee (RT) - 90 x 63	Blue	90 x 63	1 / 6
	0796 2640 332	Reducing Tee (RT) - 90 x 75	Blue	90 x 75	1 / 6
	0796 2640 333	Reducing Tee (RT) - 110 x 90	Blue	110 x 90	1 / 3

Flange Adaptor - FLA

Product picture	Flange Adaptor - FLA				
	Part number	Description	Colour	Size (mm x mm)	Packaging details
					Bag qty. (pcs) / Box qty. (pcs)
	0796 2600 016	Flange Adaptor (FLA) - 63 x 50DN	Blue	63 x 50DN	1 / 20
	0796 2600 017	Flange Adaptor (FLA) - 90 x 80DN	Blue	90 x 80DN	1 / 9
	0796 2600 018	Flange Adaptor (FLA) - 110 x 100DN	Blue	110 x 100DN	1 / 6

NOTE: DN refers to nominal diameter of the flange

Pop-up Equal Bend - PE

Product picture	Pop-up Equal Bend - PE				
	Part number	Description	Colour	Size (mm x inch)	Packaging details
					Bag qty. (pcs) / Box qty. (pcs)
	0796 2030 181	Pop-up Equal Bend (PE) - 20 x 1/2"	Blue	20 x 1/2	10 / 200
	0796 2030 182	Pop-up Equal Bend (PE) - 25 x 1/2"	Blue	25 x 1/2	10 / 120
	0796 2030 183	Pop-up Equal Bend (PE) - 32 x 3/4"	Blue	32 x 3/4	10 / 80

Wall Plate Elbow - WPE

Product picture	Wall Plate Elbow - WPE				
	Part number	Description	Colour	Size (mm x inch)	Packaging details
					Bag qty. (pcs) / Box qty. (pcs)
	0796 2030 360	Wall Plate Elbow (WPE) - 25 x 3/4"	Blue	25 x 3/4	10 / 150

Male Threaded Adaptor With Brass Insert - MAB

Product picture	Male Threaded Adaptor With Brass Insert - MAB				
	Part number	Description	Colour	Size (mm x inch)	Packaging details
					Bag qty. (pcs) / Box qty. (pcs)
	0796 2651 119	Male Threaded Adaptor With Brass Insert (MAB) - 20 x 1/2"	Blue	20 x 1/2	10 / 400
	0796 2651 123	Male Threaded Adaptor With Brass Insert (MAB) - 25 x 3/4"	Blue	25 x 3/4	10 / 200
	0796 2651 125	Male Threaded Adaptor With Brass Insert (MAB) - 25 x 1"	Blue	25 x 1	10 / 200
	0796 2651 129	Male Threaded Adaptor With Brass Insert (MAB) - 32 x 1"	Blue	32 x 1	10 / 120

Female Threaded Adaptor With Brass Insert - FAB

Product picture	Female Threaded Adaptor With Brass Insert - FAB				
	Part number	Description	Colour	Size (mm x inch)	Packaging details
					Bag qty. (pcs) / Box qty. (pcs)
	0796 2651 017	Female Threaded Adaptor With Brass Insert (FAB) - 20 x 1/2"	Blue	20 x 1/2	10 / 400
	0796 2651 024	Female Threaded Adaptor With Brass Insert (FAB) - 25 x 3/4"	Blue	25 x 3/4	10 / 200
	0796 2651 027	Female Threaded Adaptor With Brass Insert (FAB) - 25 x 1"	Blue	25 x 1	10 / 200
	0796 2651 032	Female Threaded Adaptor With Brass Insert (FAB) - 32 x 1"	Blue	32 x 1	10 / 120

Female Threaded Bend With Brass Insert - FBB

Product picture	Female Threaded Bend With Brass Insert - FBB				
	Part number	Description	Colour	Size (mm x inch)	Packaging details
					Bag qty. (pcs) / Box qty. (pcs)
	0796 2651 053	Female Threaded Bend With Brass Insert (FBB) - 20 x 3/4"	Blue	20 x 3/4	10 / 300
	0796 2651 058	Female Threaded Bend With Brass Insert (FBB) - 25 x 3/4"	Blue	25 x 3/4	10 / 200
	0796 2651 067	Female Threaded Bend With Brass Insert (FBB) - 32 x 1"	Blue	32 x 1	10 / 120

Under Pressure Tapping Ferrule with Cutter

01.

Threaded Outlet

Product picture	Threaded Outlet				
	Part number	Description	Colour	Size (inch x mm)	Packaging details
					Bag qty. (pcs) / Box qty. (pcs)
	0796 2698 019	Tapping Ferrule - Threaded Outlet - 1" x 20	Black	1 x 20	10 / 80
	0796 2698 020	Tapping Ferrule - Threaded Outlet - 1" x 25	Black	1 x 25	10 / 80
	0796 2698 021	Tapping Ferrule - Threaded Outlet - 1" x 32	Black	1 x 32	10 / 80
	0796 2698 022	Tapping Ferrule - Threaded Outlet - 1 1/4" x 20	Black	1 1/4 x 20	10 / 80
	0796 2698 023	Tapping Ferrule - Threaded Outlet - 1 1/4" x 25	Black	1 1/4 x 25	10 / 80
	0796 2698 024	Tapping Ferrule - Threaded Outlet - 1 1/4" x 32	Black	1 1/4 x 32	10 / 80

Compression Joint Outlet

Product picture	Compression Joint Outlet				
	Part number	Description	Colour	Size (inch x inch)	Packaging details
					Bag qty. (pcs) / Box qty. (pcs)
	0796 2698 025	Tapping Ferrule - Compression Joint Outlet - 1" x 3/4"	Black	1 x 3/4	10 / 80
	0796 2698 026	Tapping Ferrule - Compression Joint Outlet - 1" x 1"	Black	1 x 1	10 / 80
	0796 2698 027	Tapping Ferrule - Compression Joint Outlet - 1 1/4" x 3/4"	Black	1 1/4 x 3/4	10 / 80
	0796 2698 028	Tapping Ferrule - Compression Joint Outlet - 1 1/4" x 1"	Black	1 1/4 x 1	10 / 80



NORMA PN 10

01.



Cost-competitive high-quality compression fittings for your needs

NORMA

- ✓ No special tooling required
- ✓ Fast and easy connection
- ✓ High UV and temperature resistance
- ✓ Perfect water tightness
- ✓ Locking nut for clinching system
- ✓ Safe and durable

Love what you see? Here are some more products you may like.



NORMA PC Dripline
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Smart-Loc™ Fitting
Page 48

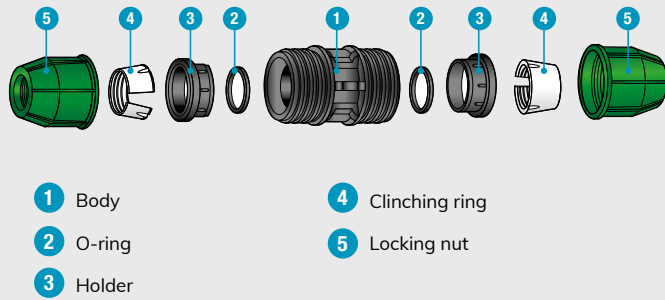


NORMA Ball Valve
Page 30



Order a sample online!

Technical Information



Applications

Ideally suited for residential landscape irrigation and for agriculture based irrigation.

Material

Working pressure: 10 bar (PN10).

- Body: Polypropylene
- O-ring: NBR
- Holder: Polypropylene
- Clinching ring: POM (Acetal)
- Locking nut: Polypropylene

Male Threaded Adaptor - MA

Product picture	Male Threaded Adaptor - MA				
	Part number	Description	Colour	Size (mm x inch)	Packaging details
					Bag qty. (pcs) / Box qty. (pcs)
	0796 2103 388	Male Threaded Adaptor (MA) - 16 x 1/2"	Green	16 x 1/2	200 / 800
	0796 2103 389	Male Threaded Adaptor (MA) - 16 x 3/4"	Green	16 x 3/4	200 / 800
	0796 2103 390	Male Threaded Adaptor (MA) - 20 x 1/2"	Green	20 x 1/2	100 / 500
	0796 2103 391	Male Threaded Adaptor (MA) - 20 x 3/4"	Green	20 x 3/4	100 / 500
	0796 2103 394	Male Threaded Adaptor (MA) - 25 x 1/2"	Green	25 x 1/2	50 / 300
	0796 2103 392	Male Threaded Adaptor (MA) - 25 x 3/4"	Green	25 x 3/4	50 / 300
	0796 2103 393	Male Threaded Adaptor (MA) - 25 x 1"	Green	25 x 1	50 / 300
	0796 2103 397	Male Threaded Adaptor (MA) - 32 x 1/2"	Green	32 x 1/2	40 / 200
	0796 2103 395	Male Threaded Adaptor (MA) - 32 x 3/4"	Green	32 x 3/4	40 / 200
	0796 2103 396	Male Threaded Adaptor (MA) - 32 x 1"	Green	32 x 1	40 / 200
	0796 2103 398	Male Threaded Adaptor (MA) - 40 x 1"	Green	40 x 1	20 / 100
	0796 2103 400	Male Threaded Adaptor (MA) - 40 x 1 1/4"	Green	40 x 1 1/4	20 / 100
	0796 2103 399	Male Threaded Adaptor (MA) - 40 x 1 1/2"	Green	40 x 1 1/2	20 / 100
	0796 2103 402	Male Threaded Adaptor (MA) - 50 x 1 1/4"	Green	50 x 1 1/4	10 / 60
	0796 2103 401	Male Threaded Adaptor (MA) - 50 x 1 1/2"	Green	50 x 1 1/2	10 / 60
	0796 2103 403	Male Threaded Adaptor (MA) - 50 x 2"	Green	50 x 2	10 / 60
	0796 2103 404	Male Threaded Adaptor (MA) - 63 x 1 1/2"	Green	63 x 1 1/2	8 / 40
	0796 2103 405	Male Threaded Adaptor (MA) - 63 x 2"	Green	63 x 2	8 / 40
	0796 2103 406	Male Threaded Adaptor (MA) - 75 x 2"	Green	75 x 2	1 / 25
	0796 2103 407	Male Threaded Adaptor (MA) - 75 x 2 1/2"	Green	75 x 2 1/2	1 / 25
	0796 2103 408	Male Threaded Adaptor (MA) - 90 x 3"	Green	90 x 3	1 / 16

Female Threaded Adaptor - FA

01.

Product picture	Female Threaded Adaptor - FA				
	Part number	Description	Colour	Size (mm x inch)	Packaging details
					Bag qty. (pcs) / Box qty. (pcs)
	0796 2103 354	Female Threaded Adaptor (FA) - 16 x 1/2"	Green	16 x 1/2	200 / 600
	0796 2103 355	Female Threaded Adaptor (FA) - 16 x 3/4"	Green	16 x 3/4	200 / 600
	0796 2103 356	Female Threaded Adaptor (FA) - 20 x 1/2"	Green	20 x 1/2	100 / 500
	0796 2103 357	Female Threaded Adaptor (FA) - 20 x 3/4"	Green	20 x 3/4	100 / 500
	0796 2103 360	Female Threaded Adaptor (FA) - 25 x 1/2"	Green	25 x 1/2	50 / 300
	0796 2103 358	Female Threaded Adaptor (FA) - 25 x 3/4"	Green	25 x 3/4	50 / 300
	0796 2103 359	Female Threaded Adaptor (FA) - 25 x 1"	Green	25 x 1	50 / 300
	0796 2103 362	Female Threaded Adaptor (FA) - 32 x 3/4"	Green	32 x 3/4	40 / 200
	0796 2103 361	Female Threaded Adaptor (FA) - 32 x 1"	Green	32 x 1	40 / 200
	0796 2103 363	Female Threaded Adaptor (FA) - 40 x 1"	Green	40 x 1	20 / 100
	0796 2103 365	Female Threaded Adaptor (FA) - 40 x 1 1/4"	Green	40 x 1 1/4	20 / 100
	0796 2103 364	Female Threaded Adaptor (FA) - 40 x 1 1/2"	Green	40 x 1 1/2	20 / 100
	0796 2103 311	Female Threaded Adaptor (FA) - 50 x 1 1/2"	Green	50 x 1 1/2	10 / 60
	0796 2103 312	Female Threaded Adaptor (FA) - 63 x 2"	Green	63 x 2	8 / 40
	0796 2103 313	Female Threaded Adaptor (FA) - 75 x 2"	Green	75 x 2	1 / 25
	0796 2103 314	Female Threaded Adaptor (FA) - 75 x 2 1/2"	Green	75 x 2 1/2	1 / 25
	0796 2103 315	Female Threaded Adaptor (FA) - 90 x 3"	Green	90 x 3	1 / 16

Male Threaded Tee - MT

Product picture	Male Threaded Tee - MT				
	Part number	Description	Colour	Size (mm x inch)	Packaging details
					Bag qty. (pcs) / Box qty. (pcs)
	0796 2103 428	Male Threaded Tee (MT) - 16 x 1/2"	Green	16 x 1/2	50 / 400
	0796 2103 429	Male Threaded Tee (MT) - 16 x 3/4"	Green	16 x 3/4	50 / 400
	0796 2103 430	Male Threaded Tee (MT) - 20 x 1/2"	Green	20 x 1/2	40 / 240
	0796 2103 431	Male Threaded Tee (MT) - 20 x 3/4"	Green	20 x 3/4	40 / 240
	0796 2103 434	Male Threaded Tee (MT) - 25 x 1/2"	Green	25 x 1/2	25 / 125
	0796 2103 432	Male Threaded Tee (MT) - 25 x 3/4"	Green	25 x 3/4	25 / 125
	0796 2103 433	Male Threaded Tee (MT) - 25 x 1"	Green	25 x 1	25 / 125
	0796 2103 436	Male Threaded Tee (MT) - 32 x 3/4"	Green	32 x 3/4	15 / 90
	0796 2103 435	Male Threaded Tee (MT) - 32 x 1"	Green	32 x 1	15 / 90
	0796 2103 437	Male Threaded Tee (MT) - 40 x 1"	Green	40 x 1	8 / 48
	0796 2103 438	Male Threaded Tee (MT) - 40 x 1 1/4"	Green	40 x 1 1/4	8 / 48
	0796 2103 440	Male Threaded Tee (MT) - 50 x 1 1/4"	Green	50 x 1 1/4	6 / 30

Product picture	Male Threaded Tee - MT				
	Part number	Description	Colour	Size (mm x inch)	Packaging details
					Bag qty. (pcs) / Box qty. (pcs)
	0796 2103 439	Male Threaded Tee (MT) - 50 x 1 1/2"	Green	50 x 1 1/2	6 / 30
	0796 2103 441	Male Threaded Tee (MT) - 63 x 2"	Green	63 x 2	1 / 20
	0796 2103 442	Male Threaded Tee (MT) - 75 x 2"	Green	75 x 2	1 / 10
	0796 2103 443	Male Threaded Tee (MT) - 75 x 2 1/2"	Green	75 x 2 1/2	1 / 10
	0796 2103 444	Male Threaded Tee (MT) - 90 x 3"	Green	90 x 3	1 / 6

Female Threaded Tee - FT

Product picture	Female Threaded Tee - FT				
	Part number	Description	Colour	Size (mm x inch)	Packaging details
					Bag qty. (pcs) / Box qty. (pcs)
	0796 2103 377	Female Threaded Tee (FT) - 16 x 3/4"	Green	16 x 3/4	50 / 350
	0796 2103 378	Female Threaded Tee (FT) - 16 x 1/2"	Green	16 x 1/2	50 / 350
	0796 2103 379	Female Threaded Tee (FT) - 20 x 1/2"	Green	20 x 1/2	40 / 240
	0796 2103 380	Female Threaded Tee (FT) - 20 x 3/4"	Green	20 x 3/4	40 / 240
	0796 2103 383	Female Threaded Tee (FT) - 25 x 1/2"	Green	25 x 1/2	25 / 125
	0796 2103 381	Female Threaded Tee (FT) - 25 x 3/4"	Green	25 x 3/4	25 / 125
	0796 2103 382	Female Threaded Tee (FT) - 25 x 1"	Green	25 x 1	25 / 125
	0796 2103 385	Female Threaded Tee (FT) - 32 x 3/4"	Green	32 x 3/4	15 / 90
	0796 2103 384	Female Threaded Tee (FT) - 32 x 1"	Green	32 x 1	15 / 90
	0796 2103 386	Female Threaded Tee (FT) - 40 x 1"	Green	40 x 1	8 / 48
	0796 2103 387	Female Threaded Tee (FT) - 40 x 1 1/4"	Green	40 x 1 1/4	8 / 48
	0796 2103 320	Female Threaded Tee (FT) - 50 x 1 1/2"	Green	50 x 1 1/2	6 / 30
	0796 2103 321	Female Threaded Tee (FT) - 63 x 2"	Green	63 x 2	1 / 20
	0796 2103 322	Female Threaded Tee (FT) - 75 x 2 1/2"	Green	75 x 2 1/2	1 / 10
	0796 2103 323	Female Threaded Tee (FT) - 90 x 3"	Green	90 x 3	1 / 6

IRRIGATION JOINING SOLUTIONS

Male Threaded Elbow - MB

01.

Product picture	Male Threaded Elbow - MB				
	Part number	Description	Colour	Size (mm x inch)	Packaging details
					Bag qty. (pcs) / Box qty. (pcs)
	0796 2103 409	Male Threaded Elbow - Male Bend 90° (MB) - 16 x 1/2"	Green	16 x 1/2	100 / 600
	0796 2103 410	Male Threaded Elbow - Male Bend 90° (MB) - 16 x 3/4"	Green	16 x 3/4	100 / 600
	0796 2103 411	Male Threaded Elbow - Male Bend 90° (MB) - 20 x 1/2"	Green	20 x 1/2	50 / 400
	0796 2103 412	Male Threaded Elbow - Male Bend 90° (MB) - 20 x 3/4"	Green	20 x 3/4	50 / 400
	0796 2103 415	Male Threaded Elbow - Male Bend 90° (MB) - 25 x 1/2"	Green	25 x 1/2	50 / 250
	0796 2103 413	Male Threaded Elbow - Male Bend 90° (MB) - 25 x 3/4"	Green	25 x 3/4	50 / 250
	0796 2103 414	Male Threaded Elbow - Male Bend 90° (MB) - 25 x 1"	Green	25 x 1	50 / 250
	0796 2103 417	Male Threaded Elbow - Male Bend 90° (MB) - 32 x 3/4"	Green	32 x 3/4	30 / 150
	0796 2103 416	Male Threaded Elbow - Male Bend 90° (MB) - 32 x 1"	Green	32 x 1	30 / 150
	0796 2103 418	Male Threaded Elbow - Male Bend 90° (MB) - 40 x 1"	Green	40 x 1	16 / 80
	0796 2103 420	Male Threaded Elbow - Male Bend 90° (MB) - 40 x 1 1/4"	Green	40 x 1 1/4	16 / 80
	0796 2103 419	Male Threaded Elbow - Male Bend 90° (MB) - 40 x 1 1/2"	Green	40 x 1 1/2	16 / 80
	0796 2103 422	Male Threaded Elbow - Male Bend 90° (MB) - 50 x 1 1/4"	Green	50 x 1 1/4	10 / 50
	0796 2103 421	Male Threaded Elbow - Male Bend 90° (MB) - 50 x 1 1/2"	Green	50 x 1 1/2	10 / 50
	0796 2103 423	Male Threaded Elbow - Male Bend 90° (MB) - 63 x 2"	Green	50 x 2	10 / 50
	0796 2103 424	Male Threaded Elbow - Male Bend 90° (MB) - 63 x 2"	Green	63 x 2	6 / 36
	0796 2103 425	Male Threaded Elbow - Male Bend 90° (MB) - 75 x 2"	Green	75 x 2	1 / 16
	0796 2103 426	Male Threaded Elbow - Male Bend 90° (MB) - 75 x 2 1/2"	Green	75 x 2 1/2	1 / 16
	0796 2103 427	Male Threaded Elbow - Male Bend 90° (MB) - 90 x 3"	Green	90 x 3	1 / 10

Straight Coupler - SC

Product picture	Straight Coupler - SC				
	Part number	Description	Colour	Size (mm)	Packaging details
					Bag qty. (pcs) / Box qty. (pcs)
	0796 2103 490	Straight Coupler (SC) - 16	Green	16	100 / 500
	0796 2103 491	Straight Coupler (SC) - 20	Green	20	50 / 300
	0796 2103 492	Straight Coupler (SC) - 25	Green	25	30 / 210
	0796 2103 493	Straight Coupler (SC) - 32	Green	32	20 / 120
	0796 2103 494	Straight Coupler (SC) - 40	Green	40	10 / 60
	0796 2103 495	Straight Coupler (SC) - 50	Green	50	8 / 40
	0796 2103 496	Straight Coupler (SC) - 63	Green	63	1 / 30
	0796 2103 497	Straight Coupler (SC) - 75	Green	75	1 / 14
	0796 2103 498	Straight Coupler (SC) - 90	Green	90	1 / 12

Female Threaded Elbow - FB

Product picture	Female Threaded Elbow - FB				
	Part number	Description	Colour	Size (mm x inch)	Packaging details
					Bag qty. (pcs) / Box qty. (pcs)
	0796 2103 366	Female Threaded Elbow - Female Bend 90° (FB) - 16 x 1/2"	Green	16 x 1/2	50 / 400
	0796 2103 367	Female Threaded Elbow - Female Bend 90° (FB) - 16 x 3/4"	Green	16 x 3/4	50 / 400
	0796 2103 368	Female Threaded Elbow - Female Bend 90° (FB) - 20 x 1/2"	Green	20 x 1/2	40 / 240
	0796 2103 369	Female Threaded Elbow - Female Bend 90° (FB) - 20 x 3/4"	Green	20 x 3/4	40 / 240
	0796 2103 372	Female Threaded Elbow - Female Bend 90° (FB) - 25 x 1/2"	Green	25 x 1/2	25 / 125
	0796 2103 370	Female Threaded Elbow - Female Bend 90° (FB) - 25 x 3/4"	Green	25 x 3/4	25 / 125
	0796 2103 371	Female Threaded Elbow - Female Bend 90° (FB) - 25 x 1"	Green	25 x 1	25 / 125
	0796 2103 374	Female Threaded Elbow - Female Bend 90° (FB) - 32 x 3/4"	Green	32 x 3/4	15 / 90
	0796 2103 373	Female Threaded Elbow - Female Bend 90° (FB) - 32 x 1"	Green	32 x 1	15 / 90
	0796 2103 375	Female Threaded Elbow - Female Bend 90° (FB) - 40 x 1"	Green	40 x 1	8 / 48
	0796 2103 376	Female Threaded Elbow - Female Bend 90° (FB) - 40 x 1 1/4"	Green	40 x 1 1/4	8 / 48
	0796 2103 316	Female Threaded Elbow - Female Bend 90° (FB) - 50 x 1 1/2"	Green	50 x 1 1/4	6 / 30
	0796 2103 317	Female Threaded Elbow - Female Bend 90° (FB) - 63 x 2"	Green	50 x 1 1/2	6 / 30
	0796 2103 318	Female Threaded Elbow - Female Bend 90° (FB) - 75 x 2 1/2"	Green	63 x 2	1 / 20
	0796 2103 319	Female Threaded Elbow - Female Bend 90° (FB) - 90 x 3"	Green	75 x 2	1 / 10

Equal Bend - EB

Product picture	Equal Bend - EB				
	Part number	Description	Colour	Size (mm)	Packaging details
					Bag qty. (pcs) / Box qty. (pcs)
	0796 2103 327	Equal Bend (EB) - 16	Green	16	100 / 500
	0796 2103 328	Equal Bend (EB) - 20	Green	20	50 / 300
	0796 2103 329	Equal Bend (EB) - 25	Green	25	30 / 180
	0796 2103 330	Equal Bend (EB) - 32	Green	32	20 / 100
	0796 2103 331	Equal Bend (EB) - 40	Green	40	10 / 50
	0796 2103 332	Equal Bend (EB) - 50	Green	50	8 / 32
	0796 2103 333	Equal Bend (EB) - 63	Green	63	1 / 20
	0796 2103 334	Equal Bend (EB) - 75	Green	75	1 / 12
	0796 2103 335	Equal Bend (EB) - 90	Green	90	1 / 8

IRRIGATION JOINING SOLUTIONS

Equal Tee - ET

Product picture	Equal Tee - ET				
	Part number	Description	Colour	Size (mm)	Packaging details
					Bag qty. (pcs) / Box qty. (pcs)
	0796 2103 345	Equal Tee (ET) - 16	Green	16	50 / 300
	0796 2103 346	Equal Tee (ET) - 20	Green	20	30 / 180
	0796 2103 347	Equal Tee (ET) - 25	Green	25	20 / 100
	0796 2103 348	Equal Tee (ET) - 32	Green	32	10 / 70
	0796 2103 349	Equal Tee (ET) - 40	Green	40	8 / 32
	0796 2103 350	Equal Tee (ET) - 50	Green	50	5 / 20
	0796 2103 351	Equal Tee (ET) - 63	Green	63	1 / 15
	0796 2103 352	Equal Tee (ET) - 75	Green	75	1 / 8
	0796 2103 353	Equal Tee (ET) - 90	Green	90	1 / 5

Reducing Coupler - RC

Product picture	Reducing Coupler - RC				
	Part number	Description	Colour	Size (mm x mm)	Packaging details
					Bag qty. (pcs) / Box qty. (pcs)
	0796 2103 454	Reducing Coupler (RC) - 20 x 16	Green	20 x 16	100 / 400
	0796 2103 455	Reducing Coupler (RC) - 25 x 20	Green	25 x 20	40 / 240
	0796 2103 456	Reducing Coupler (RC) - 32 x 20	Green	32 x 20	30 / 180
	0796 2103 457	Reducing Coupler (RC) - 32 x 25	Green	32 x 25	30 / 150
	0796 2103 458	Reducing Coupler (RC) - 40 x 20	Green	40 x 20	15 / 90
	0796 2103 459	Reducing Coupler (RC) - 40 x 25	Green	40 x 25	15 / 90
	0796 2103 460	Reducing Coupler (RC) - 40 x 32	Green	40 x 32	15 / 90
	0796 2103 461	Reducing Coupler (RC) - 50 x 20	Green	50 x 20	10 / 60
	0796 2103 462	Reducing Coupler (RC) - 50 x 25	Green	50 x 25	10 / 60
	0796 2103 463	Reducing Coupler (RC) - 50 x 32	Green	50 x 32	10 / 50
	0796 2103 464	Reducing Coupler (RC) - 50 x 40	Green	50 x 40	8 / 48
	0796 2103 465	Reducing Coupler (RC) - 63 x 25	Green	63 x 25	6 / 36
	0796 2103 466	Reducing Coupler (RC) - 63 x 32	Green	63 x 32	6 / 36
	0796 2103 467	Reducing Coupler (RC) - 63 x 40	Green	63 x 40	6 / 36
	0796 2103 468	Reducing Coupler (RC) - 63 x 50	Green	63 x 50	6 / 36
	0796 2103 469	Reducing Coupler (RC) - 75 x 40	Green	75 x 40	1 / 16
	0796 2103 470	Reducing Coupler (RC) - 75 x 50	Green	75 x 50	1 / 16
	0796 2103 471	Reducing Coupler (RC) - 75 x 63	Green	75 x 63	1 / 16
	0796 2103 472	Reducing Coupler (RC) - 90 x 63	Green	90 x 63	1 / 12
	0796 2103 473	Reducing Coupler (RC) - 90 x 75	Green	90 x 75	1 / 12

End Cap - EC

Product picture	End Cap - EC				
	Part number	Description	Colour	Size (mm)	Packaging details
					Bag qty. (pcs) / Box qty. (pcs)
	0796 2103 336	End Cap (EC) 16	Green	16	200 / 1000
	0796 2103 337	End Cap (EC) 20	Green	20	100 / 600
	0796 2103 338	End Cap (EC) 25	Green	25	50 / 350
	0796 2103 339	End Cap (EC) 32	Green	32	40 / 240
	0796 2103 340	End Cap (EC) 40	Green	40	20 / 120
	0796 2103 341	End Cap (EC) 50	Green	50	20 / 60
	0796 2103 342	End Cap (EC) 63	Green	63	8 / 48
	0796 2103 343	End Cap (EC) 75	Green	75	1 / 25
	0796 2103 344	End Cap (EC) 90	Green	90	1 / 16

Reducing Tee - RT

Product picture	Reducing Tee - RT				
	Part number	Description	Colour	Size (mm x mm)	Packaging details
					Bag qty. (pcs) / Box qty. (pcs)
	0796 2103 474	Reducing Tee (RT) - 25 x 20	Green	25 x 20	20 / 120
	0796 2103 475	Reducing Tee (RT) - 32 x 20	Green	32 x 20	15 / 75
	0796 2103 476	Reducing Tee (RT) - 32 x 25	Green	32 x 25	15 / 75
	0796 2103 477	Reducing Tee (RT) - 40 x 25	Green	40 x 25	8 / 48
	0796 2103 478	Reducing Tee (RT) - 40 x 32	Green	40 x 32	8 / 48
	0796 2103 479	Reducing Tee (RT) - 50 x 25	Green	50 x 25	6 / 24
	0796 2103 480	Reducing Tee (RT) - 50 x 32	Green	50 x 32	6 / 24
	0796 2103 481	Reducing Tee (RT) - 50 x 40	Green	50 x 40	5 / 25
	0796 2103 482	Reducing Tee (RT) - 63 x 32	Green	63 x 32	1 / 18
	0796 2103 483	Reducing Tee (RT) - 63 x 40	Green	63 x 40	1 / 18
	0796 2103 484	Reducing Tee (RT) - 63 x 50	Green	63 x 50	1 / 15
	0796 2103 485	Reducing Tee (RT) - 75 x 40	Green	75 x 40	1 / 12
	0796 2103 486	Reducing Tee (RT) - 75 x 50	Green	75 x 50	1 / 10
	0796 2103 487	Reducing Tee (RT) - 75 x 63	Green	75 x 63	1 / 10
	0796 2103 488	Reducing Tee (RT) - 90 x 63	Green	90 x 63	1 / 6
	0796 2103 489	Reducing Tee (RT) - 90 x 75	Green	90 x 75	1 / 6

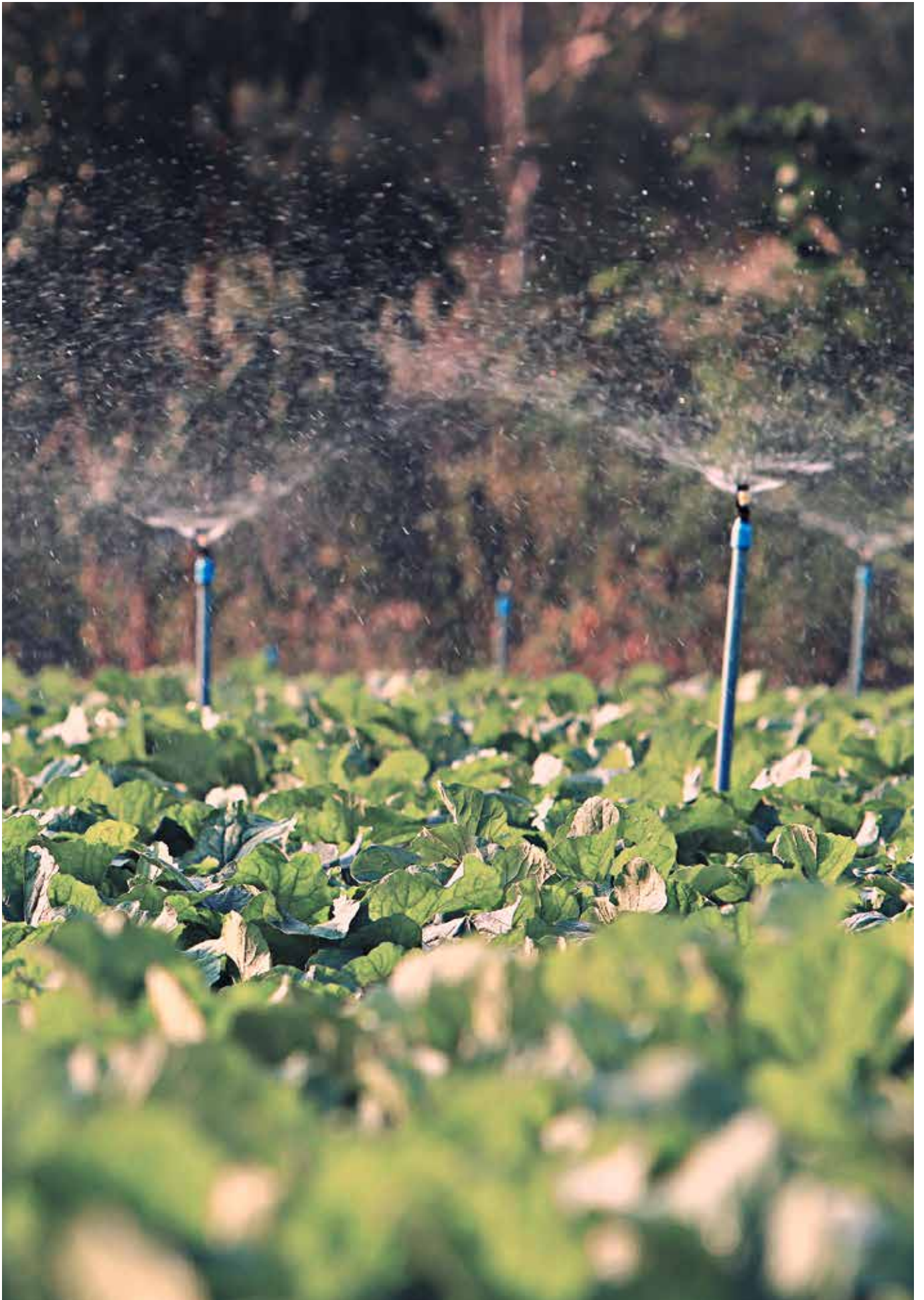
01.

Pop-up Equal Bend - PE

Product picture	Pop-up Equal Bend - PE				
	Part number	Description	Colour	Size (mm x inch)	Packaging details
					Bag qty. (pcs) / Box qty. (pcs)
	0796 2103 324	Pop-up Equal Bend (PE) - 20 x 1/2"	Green	20 x 1/2	10 / 200
	0796 2103 325	Pop-up Equal Bend (PE) - 25 x 1/2"	Green	25 x 1/2	10 / 120
	0796 2103 326	Pop-up Equal Bend (PE) - 32 x 3/4"	Green	32 x 3/4	10 / 80

Wall Plate Elbow - WPE

Product picture	Wall Plate Elbow - WPE				
	Part number	Description	Colour	Size (mm x inch)	Packaging details
					Bag qty. (pcs) / Box qty. (pcs)
	0796 2103 499	Wall Plate Elbow (WPE) - 25 x 3/4"	Green	25 x 3/4	10 / 150



NORMA Ball Valve

01.



Exceeding performance, even in harsh conditions



- ✓ Innovative design of the ball valve allows full true passage in open condition
- ✓ Higher water discharge due to lower wall thickness of the nylon ball valve
- ✓ Superior mechanical resistance due to nylon material
- ✓ Interchangeable handles to comply with international colour coding for water
- ✓ Removable handle prevents unauthorised manipulation of the valve
- ✓ Maximum operating temperature of 60° C

Love what you see? Here are some more products you may like.



NORMA PC Dripline
Page 44



NORMA PN 10
Page 20



Valve boxes NDS standard series
Page 72



Order a sample online!

Technical Information

1 Handle

2 Stem

3 Body

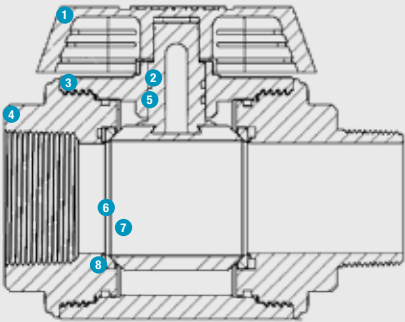
4 End connector

5 O-rings

6 Seat

7 Ball

8 Male threaded connector



Applications

Perfect for all irrigation applications, especially for higher demanding installations like sports fields, large public parks, golf courses, large agricultural sites, etc. Can also be used in industrial applications.

Material

Working pressure: 16 bar (PN16).

• Handle: Nylon

• Stem: POM (Acetal)

• Body: Nylon

• End connector: Nylon

• O-rings: NBR

• Seat: HDPE

• Ball: CPVC

• Male threaded connector (F×M): Nylon

Nylon based UV stabilised material makes it suitable for harsh conditions.

01.

Guideline for removing the handle



STEP 1
Turn the handle slightly clockwise



STEP 2
Put fingers below handle and pull it up at the same time, with thumb pushing down on valve body

NORMA Ball Valve - Female / Female

Product picture	NORMA Ball Valve - Female / Female				
	Part number	Description	Colour	Size (mm / inch)	Packaging details
					qty. (pcs)
	0837 2513 400	F / F Ball Valve 15	Blue	15 / 1/2	1
	0837 2513 401	F / F Ball Valve 20	Blue	20 / 3/4	1
	0837 2513 402	F / F Ball Valve 25	Blue	25 / 1	1
	0837 2513 403	F / F Ball Valve 32	Blue	32 / 1 1/4	1
	0837 2513 404	F / F Ball Valve 40	Blue	40 / 1 1/2	1
	0837 2513 405	F / F Ball Valve 50	Blue	50 / 2	1

NORMA Ball Valve - Male / Female

Product picture	NORMA Ball Valve - Male / Female				
	Part number	Description	Colour	Size (mm / inch)	Packaging details
					qty. (pcs)
	0837 2513 406	M / F Ball Valve 20	Blue	20 / 3/4	1
	0837 2513 407	M / F Ball Valve 25	Blue	25 / 1	1
	0837 2513 408	M / F Ball Valve 32	Blue	32 / 1 1/4	1
	0837 2513 409	M / F Ball Valve 40	Blue	40 / 1 1/2	1
	0837 2513 410	M / F Ball Valve 50	Blue	50 / 2	1

NORMA Ball Valve - Regular Handle

Product picture	NORMA Ball Valve - Regular Handle				
	Part number	Description	Colour	Size	Packaging details
					qty. (pcs)
	0837 2513 430	Regular Ball Valve Handle 15 & 20	Blue	Fits 15 & 20 mm	1
	0837 2513 431	Regular Ball Valve Handle 25	Blue	Fits 25 mm	1
	0837 2513 432	Regular Ball Valve Handle 32	Blue	Fits 32 mm	1
	0837 2513 433	Regular Ball Valve Handle 40	Blue	Fits 40 mm	1
	0837 2513 434	Regular Ball Valve Handle 50	Blue	Fits 50 mm	1

NORA Ball Valve - Recycled Water Handle

Product picture	NORA Ball Valve - Recycled Water Handle				
	Part number	Description	Colour	Size	Packaging details
					qty. (pcs)
	0837 2513 435	Recycled Water Ball Valve Handle 15 & 20	Purple	Fits 15 & 20 mm	1
	0837 2513 436	Recycled Water Ball Valve Handle 25	Purple	Fits 25 mm	1
	0837 2513 437	Recycled Water Ball Valve Handle 32	Purple	Fits 32 mm	1
	0837 2513 438	Recycled Water Ball Valve Handle 40	Purple	Fits 40 mm	1
	0837 2513 439	Recycled Water Ball Valve Handle 50	Purple	Fits 50 mm	1

NORMA Threaded Fittings

NORMA Group offers one of the largest ranges of durable, high-quality threaded fittings in the market. The precision heavy-duty tapered threads produce a strong sealing effect, thereby reducing potential leakage. They are manufactured by high-quality glass fibre reinforced nylon mate-

rial, making it suitable for use in harsh weather conditions. Threaded fittings are suited for various irrigation applications. Working pressure: 16 bar (15 - 50 mm); 12 bar (65 mm); 10 bar (80 - 100 mm).

01.

Cap - F

Product picture	Cap - F				
	Part number	Description	Colour	Size (mm)	Packaging details
					Bag qty. (pcs)
	0837 4600 010	Cap - 15 mm	Black	15	1000
	0837 4600 015	Cap - 20 mm	Black	20	750
	0837 4600 020	Cap - 25 mm	Black	25	450
	0837 4600 025	Cap - 32 mm	Black	32	230
	0837 4600 030	Cap - 40 mm	Black	40	170
	0837 4600 035	Cap - 50 mm	Black	50	100
	0837 4600 040	Cap - 65 mm	Black	65	60
	0837 4600 045	Cap - 80 mm	Black	80	70
	0837 4600 005	Cap - 100 mm	Black	100	23

Nipple - M x M

Product picture	Nipple - M x M				
	Part number	Description	Colour	Size (mm)	Packaging details
					Bag qty. (pcs)
	0837 4600 080	Nipple - 15 mm	Black	15	800
	0837 4600 085	Nipple - 20 mm	Black	20	500
	0837 4600 090	Nipple - 25 mm	Black	25	600
	0837 4600 095	Nipple - 32 mm	Black	32	340
	0837 4600 100	Nipple - 40 mm	Black	40	260
	0837 4600 105	Nipple - 50 mm	Black	50	140
	0837 4600 110	Nipple - 65 mm	Black	65	85
	0837 4600 115	Nipple - 80 mm	Black	80	64

Reducing Nipple - M x M

01.

Product picture	Reducing Nipple - M x M				
	Part number	Description	Colour	Size (mm x mm)	Packaging details
					Bag qty. (pcs)
	0837 4600 295	Reducing Nipple - 15 x 10 mm	Black	15 x 10	550
	0837 4600 300	Reducing Nipple - 20 x 15 mm	Black	20 x 15	600
	0837 4600 305	Reducing Nipple - 25 x 15 mm	Black	25 x 15	170
	0837 4600 310	Reducing Nipple - 25 x 20 mm	Black	25 x 20	600
	0837 4600 315	Reducing Nipple - 32 x 20 mm	Black	32 x 20	100
	0837 4600 320	Reducing Nipple - 32 x 25 mm	Black	32 x 25	400
	0837 4600 325	Reducing Nipple - 40 x 20 mm	Black	40 x 20	150
	0837 4600 330	Reducing Nipple - 40 x 25 mm	Black	40 x 25	310
	0837 4600 335	Reducing Nipple - 40 x 32 mm	Black	40 x 32	290
	0837 4600 340	Reducing Nipple - 50 x 20 mm	Black	50 x 20	180
	0837 4600 345	Reducing Nipple - 50 x 25 mm	Black	50 x 25	180
	0837 4600 350	Reducing Nipple - 50 x 32 mm	Black	50 x 32	160
	0837 4600 355	Reducing Nipple - 50 x 40 mm	Black	50 x 40	160
	0837 4600 360	Reducing Nipple - 65 x 32 mm	Black	65 x 32	50
	0837 4600 365	Reducing Nipple - 65 x 40 mm	Black	65 x 40	50
	0837 4600 370	Reducing Nipple - 65 x 50 mm	Black	65 x 50	40
	0837 4600 375	Reducing Nipple - 80 x 40 mm	Black	80 x 40	100
	0837 4600 380	Reducing Nipple - 80 x 50 mm	Black	80 x 50	48
	0837 4600 385	Reducing Nipple - 80 x 65 mm	Black	80 x 65	64

Plug - M

Product picture	Plug - M				
	Part number	Description	Colour	Size (mm)	Packaging details
					Bag qty. (pcs)
	0837 4600 150	Plug - 15 mm	Black	15	650
	0837 4600 155	Plug - 20 mm	Black	20	800
	0837 4600 160	Plug - 25 mm	Black	25	450
	0837 4600 165	Plug - 32 mm	Black	32	260
	0837 4600 170	Plug - 40 mm	Black	40	370
	0837 4600 175	Plug - 50 mm	Black	50	240
	0837 4600 180	Plug - 65 mm	Black	65	60
	0837 4600 185	Plug - 80 mm	Black	80	90

Reducing Bush - M x F

Product picture	Reducing Bush - M x F				
	Part number	Description	Colour	Size (mm x mm)	Packaging details
					Bag qty. (pcs)
	0837 4600 190	Reducing Bush - 15 x 6 mm	Black	15 x 6	550
	0837 4600 195	Reducing Bush - 15 x 8 mm	Black	15 x 8	700
	0837 4600 200	Reducing Bush - 15 x 10 mm	Black	15 x 10	700
	0837 4600 205	Reducing Bush - 20 x 8 mm	Black	20 x 8	400
	0837 4600 210	Reducing Bush - 20 x 10 mm	Black	20 x 10	400
	0837 4600 215	Reducing Bush - 20 x 15 mm	Black	20 x 15	800
	0837 4600 220	Reducing Bush - 25 x 8 mm	Black	25 x 8	260
	0837 4600 225	Reducing Bush - 25 x 15 mm	Black	25 x 15	540
	0837 4600 230	Reducing Bush - 25 x 20 mm	Black	25 x 20	600
	0837 4600 240	Reducing Bush - 32 x 20 mm	Black	32 x 20	300
	0837 4600 245	Reducing Bush - 32 x 25 mm	Black	32 x 25	600
	0837 4600 255	Reducing Bush - 40 x 20 mm	Black	40 x 20	240
	0837 4600 260	Reducing Bush - 40 x 25 mm	Black	40 x 25	220
	0837 4600 265	Reducing Bush - 40 x 32 mm	Black	40 x 32	500
	0837 4600 275	Reducing Bush - 50 x 20 mm	Black	50 x 20	280
	0837 4600 280	Reducing Bush - 50 x 25 mm	Black	50 x 25	280
	0837 4600 285	Reducing Bush - 50 x 32 mm	Black	50 x 32	280
	0837 4600 290	Reducing Bush - 50 x 40 mm	Black	50 x 40	260

Socket - F x F

Product picture	Socket - F x F				
	Part number	Description	Colour	Size (mm)	Packaging details
					Bag qty. (pcs)
	0837 4600 450	Socket - 15 mm	Black	15	500
	0837 4600 455	Socket - 20 mm	Black	20	660
	0837 4600 460	Socket - 25 mm	Black	25	480
	0837 4600 465	Socket - 32 mm	Black	32	260
	0837 4600 470	Socket - 40 mm	Black	40	200
	0837 4600 475	Socket - 50 mm	Black	50	120

Reducing Socket - F x F

01.

Product picture	Reducing Socket - F x F				
	Part number	Description	Colour	Size (mm x mm)	Packaging details
					Bag qty. (pcs)
	0837 4600 390	Reducing Socket - 20 x 15 mm	Black	20 x 15	380
	0837 4600 395	Reducing Socket - 25 x 15 mm	Black	25 x 15	270
	0837 4600 400	Reducing Socket - 25 x 20 mm	Black	25 x 20	250
	0837 4600 405	Reducing Socket - 32 x 20 mm	Black	32 x 20	160
	0837 4600 410	Reducing Socket - 32 x 25 mm	Black	32 x 25	150
	0837 4600 415	Reducing Socket - 40 x 20 mm	Black	40 x 20	140
	0837 4600 420	Reducing Socket - 40 x 25 mm	Black	40 x 25	120
	0837 4600 425	Reducing Socket - 40 x 32 mm	Black	40 x 32	110
	0837 4600 430	Reducing Socket - 50 x 20 mm	Black	50 x 20	90
	0837 4600 435	Reducing Socket - 50 x 25 mm	Black	50 x 25	80
	0837 4600 440	Reducing Socket - 50 x 32 mm	Black	50 x 32	70
	0837 4600 445	Reducing Socket - 50 x 40 mm	Black	50 x 40	140

90° Elbow - F x F

Product picture	90° Elbow - F x F				
	Part number	Description	Colour	Size (mm x mm)	Packaging details
					Bag qty. (pcs)
	0837 4600 050	90° Female Elbow - 15 x 15 mm	Black	15 x 15	400
	0837 4600 055	90° Female Elbow - 20 x 20 mm	Black	20 x 20	270
	0837 4600 060	90° Female Elbow - 25 x 25 mm	Black	25 x 25	320
	0837 4600 065	90° Female Elbow - 32 x 32 mm	Black	32 x 32	190
	0837 4600 070	90° Female Elbow - 40 x 40 mm	Black	40 x 40	130
	0837 4600 075	90° Female Elbow - 50 x 50 mm	Black	50 x 50	70

90° Elbow - M x F

Product picture	90° Elbow - M x F				
	Part number	Description	Colour	Size (mm x mm)	Packaging details
					Bag qty. (pcs)
	0837 4600 120	90° Male Elbow - 15 x 15 mm	Black	15 x 15	450
	0837 4600 125	90° Male Elbow - 20 x 20 mm	Black	20 x 20	540
	0837 4600 130	90° Male Elbow - 25 x 25 mm	Black	25 x 25	320
	0837 4600 135	90° Male Elbow - 32 x 32 mm	Black	32 x 32	200
	0837 4600 140	90° Male Elbow - 40 x 40 mm	Black	40 x 40	130
	0837 4600 145	90° Male Elbow - 50 x 50 mm	Black	50 x 50	80

Tee - F x F x F

Product picture	Tee - F x F x F				
	Part number	Description	Colour	Size (mm x mm x mm)	Packaging details
					Bag qty. (pcs)
	0837 4600 480	Tee - 15 x 15 x 15 mm	Black	15 x 15 x 15	250
	0837 4600 485	Tee - 20 x 20 x 20 mm	Black	20 x 20 x 20	330
	0837 4600 490	Tee - 25 x 25 x 25 mm	Black	25 x 25 x 25	200
	0837 4600 495	Tee - 32 x 32 x 32 mm	Black	32 x 32 x 32	110
	0837 4600 500	Tee - 40 x 40 x 40 mm	Black	40 x 40 x 40	80
	0837 4600 505	Tee - 50 x 50 x 50 mm	Black	50 x 50 x 50	45

Male Hose Tail - M x Hose Tail

Product picture	Male Hose Tail - M x Hose Tail				
	Part number	Description	Colour	Size (mm x inch)	Packaging details
					Bag qty. (pcs)
	0837 4700 005	Male Hose Tail - 15 mm x 1/2"	Black	15 x 1/2	800
	0837 4700 010	Male Hose Tail - 20 mm x 3/4"	Black	20 x 3/4	450
	0837 4700 015	Male Hose Tail - 25 mm x 1"	Black	25 x 1	550
	0837 4700 020	Male Hose Tail - 32 mm x 1 1/4"	Black	32 x 1 1/4	310
	0837 4700 025	Male Hose Tail - 40 mm x 1 1/2"	Black	40 x 1 1/2	220
	0837 4700 030	Male Hose Tail - 50 mm x 2"	Black	50 x 2	120
	0837 4700 035	Male Hose Tail - 80 mm x 3"	Black	80 x 3	40

Hexagon Nipple*

Product picture	Hexagon Nipple				
	Part number	Description	Colour	Size (inch x inch)	Packaging details
					Bag qty. (pcs) / Box qty. (pcs)
	0796 2698 001	Hexagon Nipple Size BSP - 1/2" x 1/2"	Black	1/2 x 1/2	100 / 1600
	0796 2698 002	Hexagon Nipple Size BSP - 3/4" x 3/4"	Black	3/4 x 3/4	100 / 1000
	0796 2698 003	Hexagon Nipple Size BSP - 1" x 1"	Black	1 x 1	100 / 600
	0796 2698 004	Hexagon Nipple Size BSP - 1 1/4" x 1 1/4"	Black	1 1/4 x 1 1/4	100 / 400
	0796 2698 005	Hexagon Nipple Size BSP - 1 1/2" x 1 1/2"	Black	1 1/2 x 1 1/2	100 / 300
	0796 2698 006	Hexagon Nipple Size BSP - 2" x 2"	Black	2 x 2	50 / 150
	0796 2698 007	Hexagon Nipple Size BSP - 3" x 3"	Black	3 x 3	20 / 60
	0796 2698 008	Hexagon Nipple Size BSP - 4" x 4"	Black	4 x 4	10 / 40

Hexagon Reducing Nipple*

Product picture	Hexagon Reducing Nipple				
	Part number	Description	Colour	Size (inch x inch)	Packaging details
					Bag qty. (pcs) / Box qty. (pcs)
	0796 2698 009	Hexagon Reducing Nipple Size BSP - 3/4" x 1/2"	Black	3/4 x 1/2	100 / 1000
	0796 2698 010	Hexagon Reducing Nipple Size BSP - 1" x 3/4"	Black	1 x 3/4	100 / 600
	0796 2698 011	Hexagon Reducing Nipple Size BSP - 1 1/2" x 1"	Black	1 1/2 x 1	100 / 400
	0796 2698 012	Hexagon Reducing Nipple Size BSP - 2" x 1"	Black	2 x 1	50 / 200
	0796 2698 013	Hexagon Reducing Nipple Size BSP - 2" x 1 1/2"	Black	2 x 1 1/2	50 / 200
	0796 2698 014	Hexagon Reducing Nipple Size BSP - 3" x 2"	Black	3 x 2	20 / 60
	0796 2698 015	Hexagon Reducing Nipple Size BSP - 4" x 3"	Black	4 x 3	10 / 40

Hexagon Reducing Bush*

Product picture	Hexagon Reducing Bush				
	Part number	Description	Colour	Size (inch x inch)	Packaging details
					Bag qty. (pcs) / Box qty. (pcs)
	0796 2698 016	Hexagon Reducing Bush - 3/4" x 1/2"	Black	3/4 x 1/2	100 / 2400
	0796 2698 017	Hexagon Reducing Bush - 1" x 1/2"	Black	1 x 1/2	100 / 1000
	0796 2698 018	Hexagon Reducing Bush - 1" x 3/4"	Black	1 x 3/4	100 / 1000

* The threaded fittings listed above are made of polypropylene material.

NORMA Clamp Saddles

NORMA clamp saddles are the ideal solution for branching from existing pipelines. They are used to meet irrigation and water distribution needs. Clamp saddles have a poly-

propylene body with a reinforced stainless steel ring. They come with bolts and nuts made of zinc-plated mild steel. The working pressure is 12.5 bar.

Product picture	Clamp Saddle with Reinforced Cap				
	Part number	Description	No. of bolts	Size (mm x inch)	Packaging details
					Bag qty. (pcs) / Box qty. (pcs)
	0796 1570 661	Clamp Saddle 32 x 1/2"	2	32 x 1/2	40 / 160
	0796 1570 662	Clamp Saddle 32 x 3/4"	2	32 x 3/4	40 / 160
	0796 1570 663	Clamp Saddle 32 x 1"	2	32 x 1	40 / 160
	0796 1570 664	Clamp Saddle 40 x 1/2"	2	40 x 1/2	30 / 150
	0796 1570 665	Clamp Saddle 40 x 3/4"	2	40 x 3/4	30 / 150
	0796 1570 666	Clamp Saddle 40 x 1"	2	40 x 1	30 / 150
	0796 1570 667	Clamp Saddle 50 x 1/2"	2	50 x 1/2	30 / 150
	0796 1570 668	Clamp Saddle 50 x 3/4"	2	50 x 3/4	30 / 150
	0796 1570 669	Clamp Saddle 50 x 1"	2	50 x 1	30 / 150
	0796 1570 670	Clamp Saddle 63 x 1/2"	4	63 x 1/2	20 / 80
	0796 1570 671	Clamp Saddle 63 x 3/4"	4	63 x 3/4	20 / 80
	0796 1570 672	Clamp Saddle 63 x 1"	4	63 x 1	20 / 80
	0796 1570 673	Clamp Saddle 63 x 1 1/4"	4	63 x 1 1/4	20 / 80
	0796 1570 674	Clamp Saddle 75 x 1/2"	4	75 x 1/2	10 / 50
	0796 1570 675	Clamp Saddle 75 x 3/4"	4	75 x 3/4	10 / 50
	0796 1570 676	Clamp Saddle 75 x 1"	4	75 x 1	10 / 50
	0796 1570 677	Clamp Saddle 75 x 1 1/4"	4	75 x 1 1/4	10 / 50
	0796 1570 678	Clamp Saddle 75 x 1 1/2"	4	75 x 1 1/2	10 / 50
	0796 1570 679	Clamp Saddle 75 x 2"	4	75 x 2	10 / 50
	0796 1570 680	Clamp Saddle 90 x 1/2"	4	90 x 1/2	10 / 30
	0796 1570 681	Clamp Saddle 90 x 3/4"	4	90 x 3/4	10 / 30
	0796 1570 682	Clamp Saddle 90 x 1"	4	90 x 1	10 / 30
	0796 1570 683	Clamp Saddle 90 x 1 1/4"	4	90 x 1 1/4	10 / 30
	0796 1570 684	Clamp Saddle 90 x 1 1/2"	4	90 x 1 1/2	10 / 30
	0796 1570 685	Clamp Saddle 90 x 2"	4	90 x 2	10 / 30
	0796 1570 686	Clamp Saddle 110 x 1/2"	4	110 x 1/2	10 / 30
	0796 1570 687	Clamp Saddle 110 x 3/4"	4	110 x 3/4	10 / 30
	0796 1570 688	Clamp Saddle 110 x 1"	4	110 x 1	10 / 30
	0796 1570 689	Clamp Saddle 110 x 1 1/4"	4	110 x 1 1/4	10 / 30
	0796 1570 690	Clamp Saddle 110 x 1 1/2"	4	110 x 1 1/2	10 / 30
	0796 1570 691	Clamp Saddle 110 x 2"	4	110 x 2	10 / 30
	0796 1570 692	Clamp Saddle 125 x 3/4"	4	125 x 3/4	6 / 24

IRRIGATION JOINING SOLUTIONS

01.

Product picture	Clamp Saddle with Reinforced Cap				
	Part number	Description	No. of bolts	Size (mm x inch)	Packaging details
					Bag qty. (pcs) / Box qty. (pcs)
	0796 1570 693	Clamp Saddle 125 x 1"	4	125 x 1	6 / 24
	0796 1570 694	Clamp Saddle 125 x 1 1/4"	4	125 x 1 1/4	6 / 24
	0796 1570 695	Clamp Saddle 125 x 2"	4	125 x 2	6 / 24
	0796 1570 696	Clamp Saddle 160 x 1/2"	6	160 x 1/2	1 / 15
	0796 1570 697	Clamp Saddle 160 x 3/4"	6	160 x 3/4	1 / 15
	0796 1570 698	Clamp Saddle 160 x 1"	6	160 x 1	1 / 15
	0796 1570 699	Clamp Saddle 160 x 1 1/4"	6	160 x 1 1/4	1 / 15
	0796 1570 700	Clamp Saddle 160 x 1 1/2"	6	160 x 1 1/2	1 / 15
	0796 1570 701	Clamp Saddle 160 x 2"	6	160 x 2	1 / 15
	0796 1570 702	Clamp Saddle 180 x 3/4"	6	180 x 3/4	1 / 10
	0796 1570 703	Clamp Saddle 180 x 1"	6	180 x 1	1 / 10
	0796 1570 704	Clamp Saddle 180 x 1 1/4"	6	180 x 1 1/4	1 / 10
	0796 1570 705	Clamp Saddle 180 x 1 1/2"	6	180 x 1 1/2	1 / 10
	0796 1570 706	Clamp Saddle 180 x 2"	6	180 x 2	1 / 10
	0796 1571 323	Clamp Saddle 200 x 3/4"	6	200 x 3/4	1 / 8
	0796 1570 707	Clamp Saddle 200 x 1"	6	200 x 1	1 / 8
	0796 1570 708	Clamp Saddle 200 x 1 1/4"	6	200 x 1 1/4	1 / 8
	0796 1570 709	Clamp Saddle 200 x 1 1/2"	6	200 x 1 1/2	1 / 8
	0796 1570 710	Clamp Saddle 200 x 2"	6	200 x 2	1 / 8
	0796 1570 711	Clamp Saddle 225 x 3/4"	6	225 x 3/4	1 / 6
	0796 1570 712	Clamp Saddle 225 x 1"	6	225 x 1	1 / 6
	0796 1570 713	Clamp Saddle 225 x 1 1/4"	6	225 x 1 1/4	1 / 6
	0796 1570 714	Clamp Saddle 225 x 2"	6	225 x 2	1 / 6



02 Professional Drip Irrigation



Introducing NORMA and NDS® Professional Irrigation, a series of efficient drip irrigation products that offers complete system-oriented watering solutions for the green in-

dustry. The product offering includes driplines, drip fittings, drip emitters, and accessories.



Categories & Key Products



Driplines NEW

Highly efficient solution for landscape based irrigation

- Self-flushing pressure compensating emitter
- Anti-siphon mechanism prevents suction of soil into the emitter
- Chemical-free root intrusion protection
- Durable under harsh conditions

[Page 44](#)



Drip Fittings NEW

Secure, leak-free connections

- Resistance to UV radiation
- Easy and fast installation
- Fittings for both 16 mm and 17 mm tubing
- Large variety of fittings for drip irrigation

[Page 48](#)



Drip Emitters

Access to wide range of high-performance emitters

- Superior flow uniformity
- Self-flushing emitters minimise clogging
- Tool-free installation
- Pressure compensating and non pressure compensating options

[Page 52](#)



Drip Accessories

Diversified accessories that complete the drip solutions

- Easy to handle
- Superior performance
- Compatible with all drip systems
- Complementary sprinkler connection accessories

[Page 60](#)

NORMA PC and CV Driplines



Durable under harsh field conditions

- ✓ Even distribution of water regardless of pressure fluctuations
- ✓ Anti-siphon mechanism prevents suction of sand and soil into the emitter
- ✓ Sustainable material - 100% recyclable polyethylene pipe
- ✓ Ensures compatibility with systems from all manufacturers
- ✓ Working range 0.5 - 4.0 bar
- ✓ Minimal clogging due to self-flushing emitter design

Love what you see? Here are some more products you may like.



AccuFlow™ PC
Page 52



Insert Fitting 16 & 17 mm
Page 49



Smart-Loc™ Fitting
Page 48



Order a sample online!

NORMA PC Dripline 16 & 17 mm

Product picture	NORMA PC Dripline				
	Part number	Description	Colour	Ø DN (mm)	Packaging details
					Coil size (m) / Type
	0894 2410 001	NORMA PC Dripline, 2.1 lph flow, 30 cm emitter spacing, 1.15 mm thickness	Brown	16	50 / Wrapped Coil
	0894 2410 002	NORMA PC Dripline, 2.1 lph flow, 30 cm emitter spacing, 1.15 mm thickness	Brown	16	100 / Wrapped Coil
	0894 2410 091	NORMA PC Dripline, 2.1 lph flow, 30 cm emitter spacing, 1.25 mm thickness	Brown	17	50 / Wrapped Coil
	0894 2410 092	NORMA PC Dripline, 2.1 lph flow, 30 cm emitter spacing, 1.25 mm thickness	Brown	17	100 / Wrapped Coil

NOTE: PC refers to pressure compensation

NORMA CV Dripline 16 & 17 mm

Product picture	NORMA CV Dripline				
	Part number	Description	Colour	Ø DN (mm)	Packaging details
					Coil size (m) / Type
	0894 2410 011	NORMA CV Dripline, 2.1 lph flow, 30 cm emitter spacing, 1.15 mm thickness	Brown	16	50 / Wrapped Coil
	0894 2410 012	NORMA CV Dripline, 2.1 lph flow, 30 cm emitter spacing, 1.15 mm thickness	Brown	16	100 / Wrapped Coil
	0894 2410 081	NORMA CV Dripline, 2.1 lph flow, 30 cm emitter spacing, 1.25 mm thickness	Brown	17	50 / Wrapped Coil
	0894 2410 082	NORMA CV Dripline, 2.1 lph flow, 30 cm emitter spacing, 1.25 mm thickness	Brown	17	100 / Wrapped Coil

NOTE: CV refers to check valve

Dura Flo™ JR 1/4" (6 mm)

Product picture	Dura Flo™ JR 1/4" (6 mm)					
	Part number		Description	Colour	Ø DN (mm)	Packaging details
	EMEA reference	USA reference				Coil size (m) / Type
	0800 2410 027	SFJR-BL-06-01	Dura Flo™ JR Dripperline, 1.9 lph flow, 15 cm emitter spacing, 1 mm thickness	Black	6	30 / Coil
	0800 2410 030	SFJR-BL-12-01	Dura Flo™ JR Dripperline, 1.9 lph flow, 30 cm emitter spacing, 1 mm thickness	Black	6	30 / Coil
	0800 2410 032	SFJR-BR-06-01	Dura Flo™ JR Dripperline, 1.9 lph flow, 15 cm emitter spacing, 1 mm thickness	Brown	6	30 / Coil
	0800 2410 033	SFJR-BR-12-01	Dura Flo™ JR Dripperline, 1.9 lph flow, 30 cm emitter spacing, 1 mm thickness	Brown	6	30 / Coil

NORMA Driplines

NORMA offers two variants of dripline to suit all your irrigation needs. The NORMA PC Dripline comes with pressure compensation feature, ensuring even distribution of water irrespective of pressure fluctuations.

The NORMA CV Dripline combines the best of PC Dripline with a check valve. This combination results in water conservation in your irrigation project. Given below are the key features and benefits of NORMA Driplines.

Features



01. Pressure Compensation

- Conserves up to 70% of the water used by a conventional sprinkler irrigation system
- Distributes water evenly regardless of pressure fluctuations
- Self-flushing emitter eliminates debris from clogging the system during operation



02. Anti-Siphon

- Each dripper is designed with an anti-siphon feature that prevents the suction of debris into the emitter
- Built-in anti-siphon feature eliminates the need for an air/vacuum relief valve



03. Emitter Specifications

- Operating range: 0.8–4.0 bar (PC Dripline); 0.5–4.0 bar (CV Dripline)
- Flow rates: 2.1 lph
- Dripper spacing: 30 cm
- The emitter has unique built-in filtration slits with self-cleaning design resulting in minimal clogging
- The emitter maintains uniform flow rates at a wide range of working pressures and various topographies



04. Check Valve*

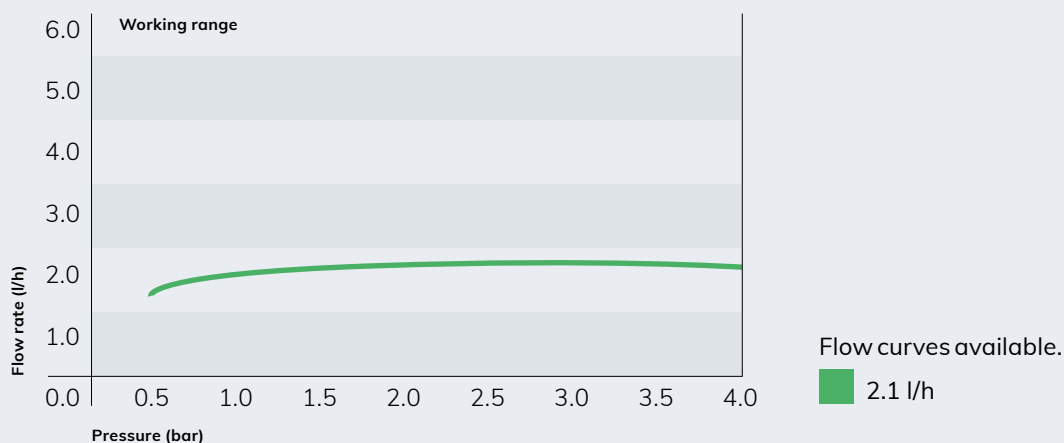
- Each emitter opens at 0.5 bar – longer run lengths lead to reduced material and labour costs
- Each emitter of NORMA CV Dripline has a check valve that holds back up to 1.4 m of elevation – prevents low head drainage & keeps the line full of water between irrigation intervals to provide instant watering when the system turns on for each cycle
- Reduces water wastage – saves up to 5 litres of water per 30 m of tubing

* Check valve feature is applicable only to NORMA CV Dripline

Technical Information

NORMA Dripline (PC and CV)

Commercial graph of approximate curves



Maximum recommended length of run (metre)

NORMA PC Dripline

Ø 16 mm

2.1 l/h minimum work pressure 0.8 bar	Inner diameter (mm)	Initial pressure (bar)	Nominal flow rate (l/h)	Maximum length of run (m)
	13.8	1.0	2.11	62
		2.0	2.05	117
		3.0	2.03	145
		4.0	2.06	166

Ø 17 mm

2.1 l/h minimum work pressure 0.8 bar	Inner diameter (mm)	Initial pressure (bar)	Nominal flow rate (l/h)	Maximum length of run (m)
	14.2	1.0	2.10	66
		2.0	2.00	125
		3.0	1.99	156
		4.0	1.99	178

NORMA CV Dripline

Ø 16 mm

2.1 l/h minimum work pressure 0.5 bar	Inner diameter (mm)	Initial pressure (bar)	Nominal flow rate (l/h)	Maximum length of run (m)
	13.8	1.0	2.1	60
		2.0	2.1	113
		3.0	2.1	141
		4.0	2.1	160

Ø 17 mm

2.1 l/h minimum work pressure 0.5 bar	Inner diameter (mm)	Initial pressure (bar)	Nominal flow rate (l/h)	Maximum length of run (m)
	14.2	1.0	2.1	73
		2.0	2.1	138
		3.0	2.1	171
		4.0	2.1	195

Pressure indicated for the entrance of the branch. Maximum length of branch expressed in metres.

These maximum length of branch tables are a tool to help the hydraulic calculation of facilities; they constitute a particular case for the data that have been defined and do not replace the professional installation calculation.

Smart-Loc™



Easier and faster to install



- ✓ Secure leak-free connections
- ✓ Removable and re-usable
- ✓ Reliable under the most demanding conditions
- ✓ Works with both PC and CV driplines
- ✓ Ideal for tubing repairs
- ✓ All fittings are complete functional units and require no additional adaptors

Love what you see? Here are some more products you may like.



Dripline Dura Flo™ CV
Page 45



NORMA PN 10
Page 20



Drip Compression Fitting
Page 50



Order a sample online!

Smart-Loc™ Multi-Diameter Fittings

Product picture	Smart-Loc™ Multi-Diameter Fittings (fits 16 mm, 17 mm and 18 mm tubing)				
	Part number		Description	Colour	Packaging details
	EMEA reference	USA reference			Bag qty. (pcs) / Box qty. (pcs)
	0800 6410 127	CMAF 75-18	3/4" Male Pipe Thread Adaptor	Black	25 / 250
	0800 6410 286	SLC 18	Coupling	Black	25 / 250
	0800 6410 100	CEP 18	End Plug	Black	25 / 250
	0800 6410 093	CEL 18	Elbow	Black	25 / 250
	0800 6410 111	CMAH 18	Male Hose Thread Adaptor	Black	25 / 250
	0800 6410 130	CSA 18	Female Hose Thread Swivel Adaptor	Black	25 / 250
	0800 6410 120	CMAF 5-18	1/2" Male Pipe Thread Adaptor	Black	25 / 250
	0800 6410 159	CT 18	Tee	Black	25 / 250

Insert Fittings 16 mm

Product picture	16 mm Insert Fittings			
	Part number	Description	Colour	Packaging details
				Bag qty. (pcs)
	0894 2410 061	16 mm Insert Coupling	Brown	25 / 250
	0894 2410 062	16 mm Insert Elbow	Brown	25 / 250
	0894 2410 063	16 mm Insert Tee	Brown	25 / 250
	0894 2410 064	16 mm Insert x 1/2" Adaptor	Brown	25 / 250
	0894 2410 065	16 mm Insert x 3/4" Adaptor	Brown	25 / 250
	0894 2410 066	16 mm Insert Ball Valve	Brown	25 / 250

Insert Fittings 17 mm

Product picture	17mm Insert Fittings				
	Part number		Description	Colour	Packaging details
	EMEA reference	USA reference			Bag qty. (pcs)
	0800 2410 075	C 17	17 mm Insert Coupling	Brown	25
	0800 6410 182	EL 17	17 mm Insert Elbow	Brown	25
	0800 6410 288	T 17	17 mm Insert Tee	Brown	25
	0800 6410 166	CX 17	17 mm Insert Cross	Brown	10
	0800 2410 070	BTMA 1750	17 mm Insert x 1/2" MPT Adaptor	Brown	10
	0800 2410 071	BTMA 1775	17 mm Insert x 3/4" MPT Adaptor	Brown	10
	0800 2410 072	BV 17	17 mm Insert Ball Valve	Black	5
	0800 6410 320	TMA 1750	17 mm Insert Tee x 1/2" MPT Adaptor	Brown	10
	0800 6410 329	YMA 1775	17 mm Insert Y x 3/4" MPT Adaptor	Brown	10

PROFESSIONAL DRIP IRRIGATION

Drip Compression Fittings

Product picture	Drip Compression Fittings				
	Part number		Description	Colour	Packaging details
	EMEA reference	USA reference			Bag qty. (pcs) / Box qty. (pcs)
	0800 6410 088	CC 600	Compression Coupling (fits 16 mm tubing)	Green	25 / 1,000
	0800 6410 089	CC 700	Compression Coupling (fits 17 mm tubing)	Black	25 / 1,000
	0800 6410 246	RCC 6070	Reducing Compression Coupling (16 mm to 17 mm)	Green	25 / 1,000
	0800 6410 095	CEL 600	Compression Elbow (fits 16 mm tubing)	Green	25 / 800
	0800 6410 096	CEL 700	Compression Elbow (fits 17 mm tubing)	Black	25 / 800
	0800 6410 161	CT 600	Compression Tee (fits 16 mm tubing)	Green	15 / 480
	0800 6410 162	CT 700	Compression Tee (fits 17 mm tubing)	Black	15 / 480

Drip Compression End Caps

Product picture	Drip Compression End Caps				
	Part number		Description	Colour	Packaging details
	EMEA reference	USA reference			Bag qty. (pcs) / Box qty. (pcs)
	0800 6410 101	CEP 600	End Plug with Cap (fits 16 mm tubing)	Green	25 / 800
	0800 6410 102	CEP 700	End Plug with Cap (fits 17 mm tubing)	Black	25 / 800

Drip Compression Male Adaptors

Product picture	Drip Compression Male Adaptors				
	Part number		Description	Colour	Packaging details
	EMEA reference	USA reference			Bag qty. (pcs) / Box qty. (pcs)
	0800 6410 113	CMAH 600	3/4" MHT Adaptor (fits 16 mm tubing)	Green	50 / 1,000
	0800 6410 114	CMAH 700	3/4" MHT Adaptor (fits 17 mm tubing)	Black	50 / 1,000
	0800 6410 124	CMAH 600	3/4" MIPT Adaptor (fits 16 mm tubing)	Green	50 / 1,000
	0800 6410 125	CMAH 700	3/4" MIPT Adaptor (fits 17 mm tubing)	Black	50 / 1,000
	0800 6410 121	CMAH 5-600	1/2" MIPT Adaptor (fits 16 mm tubing)	Green	50 / 1,000
	0800 6410 122	CMAH 5-700	1/2" MIPT Adaptor (fits 17 mm tubing)	Black	50 / 1,000

Drip Compression 3/4" Swivel Fittings

Product picture	Drip Compression 3/4" Swivel Fittings				
	Part number		Description	Colour	Packaging details
	EMEA reference	USA reference			Bag qty. (pcs) / Box qty. (pcs)
	0800 6410 132	CSA 600	3/4" FHT Swivel Adaptor (fits 16 mm tubing)	Green	25 / 800
	0800 6410 133	CSA 700	3/4" FHT Swivel Adaptor (fits 17 mm tubing)	Black	25 / 800
	0800 6410 151	CST 600	3/4" FHT Swivel Tee w / Screen (fits 16 mm tubing)	Green	15 / 480
	0800 6410 152	CST 700	3/4" FHT Swivel Tee w / Screen (fits 17 mm tubing)	Black	15 / 480
	0800 6410 144	CSEL 700	3/4" FHT Swivel Elbow w / Screen (fits 17 mm tubing)	Black	25 / 500

Micro Drip Fitting

Product picture	Micro Drip Fitting				
	Part number		Description	Colour	Packaging details
	EMEA reference	USA reference			Bag qty. (pcs) / Box qty. (pcs)
	0800 2410 069	BT 250	Adaptor - barb x thread (fits 6 mm tubing)	Black	100 / 2,000
	0800 6410 321	TT 250	Adaptor - thread x thread (fits 6 mm tubing)	Black	100 / 2,000
	0800 6410 076	C 250	Connector (barb x barb) (fits 6 mm tubing)	Black	100 / 10,000
	0800 2410 067	BB 250	Adaptor (barb x barb) (fits 6 mm tubing)	Black	100 / 5,000
	0800 6410 289	T 250	Tee (barb x barb x barb) (fits 6 mm tubing)	Black	100 / 3,000
	0800 6410 183	EL 250	Elbow (barb x barb) (fits 6 mm tubing)	Black	100 / 5,000
	0800 6410 197	GP 2	Dual Goof Plug (20 / Rack)	Black	100 / 10,000
	0800 6410 278	SAJ	Adaptor for Hydro-Flo™; Dial-a-Flo™; Micro-Flo™ Jets (1/2" FIPT x 10-32 NFT)	Black	100 / 400
	0800 6410 279	SAT	Adaptor for 6 mm tubing; (1/2" FIPT x barb)	Black	100 / 400
	0800 6410 251	REA	Adaptor for 6 mm Barbed Drip Emitter (1/2" FIPT x emitter socket adaptor)	Black	100 / 400
	0800 6410 287	ST 250	Adaptor for Dura-Flo™ JR (1/2" FIPT x 1/4" barbed swivel tee)	Black	100 / 300
	0800 6410 285	SEL 250	Adaptor for Dura-Flo™ JR (1/2" FIPT x 1/4" barbed swivel elbow)	Black	100 / 300
	0800 6410 232	RA 250	Riser Extension Adaptor (1/2" FIPT x 1/2" MIPT x 6 mm barb)	Black	25 / 100

AccuFlow™ PC



The most accurate pressure compensating emitter



- ✓ Superior flow uniformity
- ✓ Durable self-flushing emitter
- ✓ Optimum pressure compensation
Pressure: 1.0 to 3.4 bar
- ✓ UV resistant
- ✓ Easy to hide in the landscape
- ✓ Clearly marked and colour-coded for easy identification

Love what you see? Here are some more products you may like.



NORMA CV Dripline
Page 45



Adjustable Flow Rate Emitter
Page 55



Smart-Loc™ Fitting
Page 48



Order a sample online!

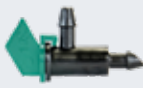
Pressure Compensating Emitter

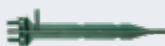
Product picture	Pressure Compensating Emitter				
	Part number		Description	Colour	Packaging details
	EMEA reference	USA reference			Bag qty. (pcs)
	0800 2410 065	AFPC 5	Pressure Compensating AccuFlow™ Emitter 2 lph	Blue	100
	0800 2410 061	AFPC 10	Pressure Compensating AccuFlow™ Emitter 4 lph	Black	100
	0800 6410 063	AFPC 20	Pressure Compensating AccuFlow™ Emitter 8 lph	Red	100
	0800 6410 420	AFPC 50	Pressure Compensating AccuFlow™ Emitter 19 lph	Sand	100

Non-Pressure Compensating Emitter

Product picture	Non-Pressure Compensating Emitter				
	Part number		Description	Colour	Packaging details
	EMEA reference	USA reference			Bag qty. (pcs) / Box qty. (pcs)
Dial-a-Flo™					
	0800 6410 168	DAFB 360	Adjustable Dial-a-Flo™ Emitter; 360°; 8 stream; 0-38 lph; 6 mm barbed	Black	100 / 2,500
	0800 6410 167	DAFB 180	Adjustable Dial-a-Flo™ Emitter; 180°; 5 stream; 0-38 lph; 6 mm barbed	Black	100 / 2,500
	0800 6410 170	DAFB FAN	Adjustable Dial-a-Flo™ Emitter; 360°; fan spray; 0-76 lph; 6 mm barbed	Black	100 / 2,500
	0800 6410 169	DAFB BUB	Adjustable Dial-a-Flo™ Emitter; umbrella bubbler; 0-95 lph; 6 mm barbed	Black	100 / 2,500
	0800 6410 177	DAFT 360	Adjustable Dial-a-Flo™ Emitter; 360°; 8 stream; 0-38 lph; 10/32 NDS threads	Black	100 / 2,500
	0800 6410 176	DAFT 180	Adjustable Dial-a-Flo™ Emitter; 180°; 5 stream; 0-38 lph; 10/32 NDS threads	Black	100 / 2,500
	0800 6410 179	DAFT FAN	Adjustable Dial-a-Flo™ Emitter; 360°; fan spray; 0-76 lph; 10/32 NDS threads	Black	100 / 2,500
	0800 6410 178	DAFT BUB	Adjustable Dial-a-Flo™ Emitter; umbrella bubbler; 0-95 lph; 10/32 NDS threads	Black	100 / 2,500
	0800 6410 173	DAFS 360	Adjustable Dial-a-Flo™ Emitter with 152.4 mm stake; 360°; 8 stream; 0-38 lph	Black	100 / 1,000
	0800 6410 172	DAFS 180	Adjustable Dial-a-Flo™ Emitter with 152.4 mm stake; 180°; 5 stream; 0-38 lph	Black	100 / 1,000
	0800 6410 171	DAFS 135	Adjustable Dial-a-Flo™ Emitter with 152.4 mm stake; 135°; 4 stream; 0-38 lph	Black	100 / 1,000
	0800 6410 175	DAFS FAN	Adjustable Dial-a-Flo™ Emitter with 152.4 mm stake; 360°; fan spray; 0-76 lph	Black	100 / 1,000
	0800 6410 174	DAFS BUB	Adjustable Dial-a-Flo™ Emitter with 152.4 mm stake; umbrella bubbler; 0-95 lph	Black	100/1,000
	0800 6410 328	VFR 90	90° Circle Adjustable Stream Sprayer	N/A	100 / N/A
	0800 6410 326	VFR 180	180° Circle Adjustable Stream Sprayer	N/A	100 / N/A
	0800 6410 327	VFR 360	360° Circle Adjustable Stream Sprayer	N/A	100 / N/A

Non-Pressure Compensating Emitter

Product picture	Non-Pressure Compensating Emitter				
	Part number		Description	Colour	Packaging details
	EMEA reference	USA reference			Bag qty. (pcs) / Box qty. (pcs)
Super-Flo™					
	0800 6410 294	TAE 10	Take-Apart Super-Flo™ Emitter; 4 lph; laminar flow	Black	100 / 2,000
	0800 6410 295	TAE 20	Take-Apart Super-Flo™ Emitter; 8 lph; laminar flow	Green	100 / 2,000
	0800 6410 296	TAE 40	Take-Apart Super-Flo™ Emitter; 15 lph; laminar flow	Yellow	100 / 2,000
Mini-Flo™					
	0800 6410 214	MIL 5	Mini-Flo™ Mini-Inline Emitter; 2 lph	Red	100 / 2,000
	0800 6410 213	MIL 10	Mini-Flo™ Mini-Inline Emitter; 4 lph	Black	100 / 2,000
Hydro-Flo™					
	0800 6410 322	VF	Hydro-Flo™ Adjustable Jet Body Only; 0-95 lph	Black	100 / 500
	0800 6410 324	VF 360	Hydro-Flo™ Adjustable Jet (360° pattern – stream spray; 10-32 NFT inlet)*; 0-95 lph	Black	100 / 500
	0800 6410 323	VF 180	Hydro-Flo™ Adjustable Jet (180° pattern – fan spray; 10-32 NFT inlet)*; 0-95 lph	Black	100 / 500
	0800 6410 325	VF 90	Hydro-Flo™ Adjustable Jet (90° pattern – fan spray; 10-32 NFT inlet)*; 0-95 lph	Black	100 / 500
	0800 6410 316	TFC 360	12 Finger Spray Hydro-Flo™ Jet; cap-360°	Black	100 / 2,500
	0800 6410 314	TFC 180	Fan Spray Hydro-Flo™ Jet; cap-180°	Black	100 / 2,500
	0800 6410 317	TFC 90	Fan Spray Hydro-Flo™ Jet; cap-90°	Black	100 / 2,500
	0800 6410 315	TFC 33	Cap-Strip Fan Spray Hydro-Flo™ Jet	Black	100 / 2,500
	0800 6410 309	TFB 30	Base-0.8 mm Nozzle Hydro-Flo™ Jet	Black	100 / 2,500
	0800 6410 310	TFB 40	Base-1.0 mm Nozzle Hydro-Flo™ Jet	Blue	100 / 2,500
	0800 6410 311	TFB 50	Base-1.3 mm Nozzle Hydro-Flo™ Jet	Green	100 / 2,500
	0800 6410 312	TFB 60	Base-1.5 mm Nozzle Hydro-Flo™ Jet	Red	100 / 2,500
	0800 6410 313	TFB 70	Base-1.8 mm Nozzle Hydro-Flo™ Jet	White	100 / 2,500
	0800 6410 301	TF 436	360° Fan Spray Single-Piece Hydro-Flo™ Jet; 1.0 mm nozzle	Blue	100 / 2,500
	0800 6410 304	TF 536	360° Fan Spray Single-Piece Hydro-Flo™ Jet; 1.3 mm nozzle	Green	100 / 2,500
	0800 6410 307	TF 636	360° Fan Spray Single-Piece Hydro-Flo™ Jet; 1.5 mm nozzle	Red	100 / 2,500
	0800 6410 298	TF 318	180° Fan Spray Single-Piece Hydro-Flo™ Jet; 0.8 mm nozzle	Black	100 / 2,500
	0800 6410 300	TF 418	180° Fan Spray Single-Piece Hydro-Flo™ Jet; 1.0 mm nozzle	Blue	100 / 2,500
	0800 6410 303	TF 518	180° Fan Spray Single-Piece Hydro-Flo™ Jet; 1.3 mm nozzle	Green	100 / 2,500
	0800 6410 306	TF 618	180° Fan Spray Single-Piece Hydro-Flo™ Jet; 1.5 mm nozzle	Red	100 / 2,500
	0800 6410 299	TF 39	90° Fan Spray Single-Piece Hydro-Flo™ Jet; 0.8 mm nozzle	Black	100 / 2,500
	0800 6410 302	TF 49	90° Fan Spray Single-Piece Hydro-Flo™ Jet; 1.0 mm nozzle	Blue	100 / 2,500
	0800 6410 305	TF 59	90° Fan Spray Single-Piece Hydro-Flo™ Jet; 1.3 mm nozzle	Green	100 / 2,500
	0800 6410 308	TF 69	90° Fan Spray Single-Piece Hydro-Flo™ Jet; 1.5 mm nozzle	Red	100 / 2,500

Product picture	Non-Pressure Compensating Emitter				
	Part number		Description	Colour	Packaging details
	EMEA reference	USA reference			Bag qty. (pcs) / Box qty. (pcs)
Micro-Flo™					
	0800 6410 207	MFA	Micro-Flo™ Adjustable Micro-Sprinkler with Shutoff (10-32 NPT inlet); 0-95 lph	Red	50 / 300
Tri-Flo™					
	0800 6410 319	TFS 9	3 Flow Tri-Flo™ Spraystick; 90° pattern	Blue	100 / 2,000
	0800 6410 318	TFS 16	3 Flow Tri-Flo™ Spraystick; 160° pattern	Green	100 / 2,000

Fixed Flow Rate Devices

Product picture	Fixed Flow Rate Devices				
	Part number		Description	Colour	Packaging details
	EMEA reference	USA reference			Bag qty. (pcs) / Box qty. (pcs)
Cuatro-Flo™					
	0800 6410 107	CFL 2	Pressure Compensating Cuatro-Flo™ Bubbler; 8 lph / outlet bubbler; 4 swivel barbed outlets 1/2" FIPT	Blue	25 / 100
	0800 6410 109	CFL 6	Pressure Compensating Cuatro-Flo™ Bubbler; 23 lph / outlet bubbler; 4 swivel barbed outlets 1/2" FIPT	Black	25 / 100
	0800 6410 106	CFL 10	Pressure Compensating Cuatro-Flo™ Bubbler; 38 lph / outlet bubbler; 4 swivel barbed outlets 1/2" FIPT	Red	25 / 100
	0800 6410 108	CFL 20	Pressure Compensating Cuatro-Flo™ Bubbler; 76 lph / outlet bubbler; 4 swivel barbed outlets 1/2" FIPT	Green	25 / 100
Drip Star™ Emitter					
	0800 6410 180	DS 10	Pressure Comp. Drip Star™ Emitter; 4 lph; 6 port; 1/2" FIPT	Red	25 / 100
Maxi-Flo™					
	0800 6410 210	MFBL 2	Compensating Maxi-Flo™ Bubbler; 8 lph / outlet; 1/2" FIPT; 6 swivel barbed outlets	Blue	25 / 100
	0800 6410 212	MFBL 6	Compensating Maxi-Flo™ Bubbler; 23 lph / outlet; 1/2" FIPT; 6 swivel barbed outlets	Black	25 / 100
	0800 6410 209	MFBL 10	Compensating Maxi-Flo™ Bubbler; 38 lph / outlet; 1/2" FIPT; 6 swivel barbed outlets	Red	25 / 100
	0800 6410 211	MFBL 20	Compensating Maxi-Flo™ Bubbler; 76 lph / outlet; 1/2" FIPT; 6 swivel barbed outlets	Green	25 / 100

Adjustable Flow Rate Devices

Product picture	Adjustable Flow Rate Devices				
	Part number		Description	Colour	Packaging details
	EMEA reference	USA reference			Bag qty. (pcs) / Box qty. (pcs)
Hydroport™					
	0800 6410 201	HPAM 4	4 Port Outlet Hydroport™ Adjustable Manifold; 0-76 lph; adjustable flow; 1/2" FIPT	Black	10 / 30
	0800 6410 202	HPAM 8	8 Port Outlet Hydroport™ Adjustable Manifold; 0-76 lph; adjustable flow; 1/2" FIPT	Black	10 / 30

Technical Data

Hydro-Flo™ Emitter			
Radius (m)	Flow rate		
	0800 6410 325	0800 3410 323	0800 6410 324
0.3	-	-	15.1 lph
0.6	-	24.6 lph	21.6 lph
0.9	46.9 lph	31.4 lph	29.5 lph
1.2	54.9 lph	38.6 lph	39.7 lph
1.5	61.3 lph	45.8 lph	48.1 lph
1.8	70.4 lph	54.9 lph	56.0 lph
2.1	76.1 lph	64.7 lph	63.6 lph
2.4	87.1 lph	82.5 lph	68.1 lph
2.7	95.8 lph	99.9 lph	80.3 lph
3.0	104.5 lph	-	89.0 lph
3.3	110.9 lph	-	96.9 lph
3.6	-	-	104.5 lph

Micro-Flo™ Emitter	
Radius (m)	Flow rate
0.3	-
0.6	-
0.9	17.8 lph
1.2	25.0 lph
1.5	31.0 lph
1.8	37.1 lph
2.1	42.8 lph
2.4	50.0 lph
2.7	56.0 lph
3.0	62.1 lph

EMEA reference	Pattern
0800 6410 168, 0800 6410 173, 0800 6410 177	
0800 6410 167, 0800 6410 172, 0800 6410 176	
0800 6410 170, 0800 6410 175, 0800 6410 179	
0800 6410 171	
0800 6410 169, 0800 6410 174, 0800 6410 178	

Reference: 0800 6410 168, 0800 6410 173, 0800 6410 177

Position	1.38 bar		2.07 bar		2.76 bar	
	Flow rate (lph)	Radius (mm)	Flow rate (lph)	Radius (mm)	Flow rate (lph)	Radius (mm)
0	0	0	0	0	0	0
1	6.8	0	8.7	0	10.2	0
2	9.1	0	11.7	0	13.2	50.8
3	11.4	0	14.8	50.8	17.4	76.2
4	14.0	50.8	18.2	76.2	21.2	101.6
5	16.7	76.2	21.6	101.6	25.4	127
6	18.9	101.6	24.6	152.4	28.8	203.2
7	21.2	127	27.3	177.8	31.8	254
8	23.5	152.4	30.7	228.6	34.4	304.8
1+	26.5	177.8	34.4	279.4	39.4	355.6
2+	29.9	228.6	39.0	304.8	44.3	406.4

Reference: 0800 6410 167, 0800 3410 172, 0800 6410 176						
Position	1.38 bar		2.07 bar		2.76 bar	
	Flow rate (lph)	Radius (mm)	Flow rate (lph)	Radius (mm)	Flow rate (lph)	Radius (mm)
0	0	0	0	0	0	0
1	6.8	101.6	8.7	152.4	10.2	228.6
2	9.1	177.8	11.7	254	13.2	330.2
3	11.4	228.6	14.8	330.2	17.4	457.2
4	14.0	279.4	18.2	406.4	21.2	609.6
5	16.7	330.2	21.6	482.6	25.4	762
6	18.9	381	24.6	609.6	28.8	889
7	21.2	457.2	27.3	685.8	31.8	1016
8	23.5	533.4	30.7	762	34.4	1117.6
1+	26.5	609.6	34.4	838.2	39.4	1168.4
2+	29.9	660.4	39.0	914.4	44.3	1219.2

Reference: 0800 6410 170, 0800 6410 175, 0800 6410 179						
Position	1.38 bar		2.07 bar		2.76 bar	
	Flow rate (lph)	Radius (mm)	Flow rate (lph)	Radius (mm)	Flow rate (lph)	Radius (mm)
0	0	0	0	0	0	0
1	14.4	0	18.9	0	22.0	0
2	23.8	0	31.0	304.8	36.0	457.2
3	36.0	457.2	46.9	609.6	54.1	914.4
4	40.1	533.4	51.5	762	60.6	1066.8
5	43.2	609.6	56.0	914.4	64.7	1219.2
6	45.8	685.8	59.1	1066.8	68.5	1371.6
7	49.2	762	62.5	1219.2	71.9	1447.8
8	51.1	838.2	64.7	1320.8	75.7	1498.6
1+	53.0	889	68.5	1371.6	79.1	1549.4
2+	54.1	914.4	70.8	1422.4	81.8	1574.8

PROFESSIONAL DRIP IRRIGATION

02.

Reference: 0800 6410 169, 0800 6410 174, 0800 6410 178						
Position	1.38 bar		2.07 bar		2.76 bar	
	Flow rate (lph)	Radius (mm)	Flow rate (lph)	Radius (mm)	Flow rate (lph)	Radius (mm)
0	0	0	0	0	0	0
1	14.4	0	18.9	0	22.0	0
2	23.8	0	31.0	0	36.0	0
3	36.0	0	46.9	0	54.1	25.4
4	40.1	0	51.5	25.4	60.6	50.8
5	43.2	25.4	56.0	25.4	64.7	76.2
6	45.8	25.4	59.1	50.8	68.5	76.2
7	49.2	25.4	62.5	50.8	71.9	101.6
8	51.1	25.4	64.7	76.2	75.7	101.6
1+	53.0	50.8	68.5	76.2	79.1	127
2+	54.1	50.8	70.8	101.6	81.8	127

Flow rate (lph)

Model	EMEA reference	0.69 bar	1.03 bar	1.38 bar	1.38 bar	2.07 bar	2.76 bar	4.14 bar	5.52 bar
Maxi-Flo™ Bubbler	0800 6410 210			8.3 lph	8.7 lph	9.1 lph	9.5 lph	9.8 lph	9.8 lph
	0800 6410 212			21.6 lph	23.8 lph	26.1 lph	29.1 lph	34.4 lph	36.0 lph
	0800 6410 209			34.1 lph	36.7 lph	39.4 lph	43.9 lph	53.4 lph	57.9 lph
	0800 6410 211			62.1 lph	67.0 lph	71.9 lph	83.7 lph	101.1 lph	106.7 lph
Hydroport™	0800 6410 201	26.5 lph (max.)	37.9 lph (max.)	45.2 lph (max.)	49.2 lph (max.)	53.0 lph (max.)	60.6 lph (max.)	75.7 lph (max.)	
	0800 6410 202	26.5 lph (max.)	37.9 lph (max.)	45.2 lph (max.)	49.2 lph (max.)	53.0 lph (max.)	60.6 lph (max.)	75.7 lph (max.)	
Cuatro-Flo™ Bubbler	0800 6410 107			6.8 lph	7.2 lph	7.6 lph	8.3 lph	9.5 lph	9.5 lph
	0800 6410 109			21.6 lph	26.1 lph	26.5 lph	29.5 lph	33.7 lph	37.9 lph
	0800 6410 106			28.7 lph	32.6 lph	36.7 lph	41.6 lph	50.3 lph	56.8 lph
	0800 6410 108			51.9 lph	56.8 lph	62.5 lph	71.2 lph	84.0 lph	95.8 lph
Super-Flo™ Emitter	0800 6410 294	2.1 lph	2.6 lph	3.0 lph	3.4 lph	3.7 lph			
	0800 6410 295	5.1 lph	6.1 lph	6.9 lph	8.0 lph	9.0 lph			
	0800 6410 296	9.0 lph	11.0 lph	12.6 lph	14.0 lph	15.0 lph			
Drip Star™	0800 6410 180			3.8 lph	4.2 lph	4.5 lph	4.5 lph	5.3 lph	4.5 lph

Model	EMEA reference	Pattern
Tri-Flo™ Spray Stick	0800 6410 319	
	0800 6410 318	

Flow rate (lph) / Radius (m)

Model	EMEA reference	1.03 bar		1.38 bar		1.73 bar		2.07 bar	
		Flow rate (lph)	Radius (mm)	Flow rate (lph)	Radius (mm)	Flow rate (lph)	Radius (mm)	Flow rate (lph)	Radius (mm)
Hydro-Flo™ Jet	0800 6410 309 (Black)	18.2	1.5	20.8	1.8	23.5	2.1	25.7	2.4
	0800 6410 310 (Blue)	33.3	2.1	39.4	2.4	44.3	2.4	48.8	2.7
	0800 6410 311 (Green)	52.2	2.4	59.8	2.7	67.0	2.7	73.8	3.0
	0800 6410 312 (Red)	75.7	2.4	88.2	2.7	99.6	3.0	109.4	3.4
	0800 6410 313 (White)	124.5	2.7	142.3	3.0	160.9	3.4	176.4	3.7
	0800 6410 301 (Blue)	33.3	1.4	39.4	1.5	44.3	1.7	48.8	1.7
	0800 6410 304 (Green)	52.2	1.5	59.8	1.7	67.0	1.8	73.8	1.8
	0800 6410 307 (Red)	75.7	1.5	88.2	1.7	99.6	1.8	109.4	2.0
	0800 6410 298 (Black)	18.2	0.9	20.8	1.1	23.5	1.2	25.7	1.4
	0800 6410 300 (Blue)	33.3	1.1	39.4	1.2	44.3	1.4	48.8	1.5
	0800 6410 303 (Green)	52.2	1.2	59.8	1.4	67.0	1.5	73.8	1.7
	0800 6410 306 (Red)	75.7	1.4	88.2	1.5	99.6	1.7	109.4	1.8
	0800 6410 299 (Black)	18.2	1.2	20.8	1.4	23.5	1.7	25.7	1.8
	0800 6410 302 (Blue)	33.3	1.4	39.4	1.5	44.3	1.7	48.8	1.8
	0800 6410 305 (Green)	52.2	1.4	59.8	1.7	67.0	1.8	73.8	2.0
	0800 6410 308 (Red)	76.5	1.5	88.2	1.7	99.6	1.8	109.4	2.0
Tri-Flo™ Spray Stick	0800 6410 319 - Low	18.2	0.3	20.1	0.5	22.7	0.6		
	0800 6410 319 - Medium	26.9	0.5	29.9	0.6	34.1	0.8		
	0800 6410 319 - High	36.0	0.9	40.1	1.1	45.4	1.2		
	0800 6410 318 - Low	26.9	0.5	29.9	0.6	34.1	0.8		
	0800 6410 318 - Medium	36.0	0.8	40.1	0.9	45.4	1.1		
	0800 6410 318 - High	54.1	1.1	60.2	1.2	68.1	1.4		

Model	EMEA reference	Pattern
Hydro-Flo™ Jet	0800 6410 316	
	0800 6410 314, 0800 6410 298, 0800 6410 300, 0800 6410 303, 0800 6410 306	
	0800 6410 317, 0800 6410 299, 0800 6410 302, 0800 6410 305, 0800 6410 308	
	0800 6410 301, 0800 6410 304, 0800 6410 307	
	0800 6410 315	

Drip Accessories

Pressure-Regulating Wye Filter

Product picture	Pressure-Regulating Wye Filter				
	Part number		Description	Colour	Packaging details
	EMEA reference	USA reference			Bag qty. (pcs) / Box qty. (pcs)
	0800 6410 225	PRYF 30	Pressure Regulating Filter; 2.1 bar, 3/4" thread	Black	1 / 5
	0800 6410 226	PRYF 40	Pressure Regulating Filter; 2.8 bar, 1" thread	Black	1 / 5

Pressure Regulators

Product picture	Pressure Regulators				
	Part number		Description	Colour	Packaging details
	EMEA reference	USA reference			Bag qty. (pcs) / Box qty. (pcs)
	0800 6410 222	PR 20	3/4" FIPT Pressure Regulator (0.4 - 30 lpm flow range); 1.4 bar	Black	10 / 50
	0800 6410 223	PR 30	3/4" FIPT Pressure Regulator (0.4 - 30 lpm flow range); 2.1 bar	Black	10 / 50
	0800 6410 224	PRM 30	3/4" FIPT Pressure Regulator (15 - 76 lpm flow range); 2.1 bar	Black	10 / 50

Stake Assemblies

Product picture	Stake Assemblies				
	Part number		Description	Colour	Packaging details
	EMEA reference	USA reference			Bag qty. (pcs)
	0800 6410 290	TA 24-4	Assembly comprising 60 cm vinyl tubing, connector and a 30 cm plastic stake (no jet)	Black	200
	0800 6410 291	TA 24-5	Emitter Assembly comprising Dial-a-Flo™, 60 cm vinyl tubing with connector and a 30 cm plastic stake	Black	200
	0800 6410 292	TA 24-6	Jet Assembly comprising adjustable Micro-Flo™ Sprinkler, 60 cm vinyl tubing with connector and a 30 cm plastic stake	Black	200
	0800 6410 293	TA 24-7	Assembly comprising 60 cm vinyl tubing with connector, valve for flow adjustment and a 30 cm plastic stake	Black	200

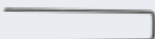
Automatic Flush Valves

Product picture	Automatic Flush Valves				
	Part number		Description	Colour	Packaging details
	EMEA reference	USA reference			Bag qty. (pcs) / Box qty. (pcs)
	0800 6410 194	FVA 600	Automatic Flush Valve – closes at 0.5 bar (fits 16 mm tubing)	Green	25 / 500
	0800 6410 195	FVA 700	Automatic Flush Valve – closes at 0.5 bar (fits 17 mm tubing)	Black	25 / 500

Figure 8 End Enclosures

Product picture	Figure 8 End Enclosures				
	Part number		Description	Colour	Packaging details
	EMEA reference	USA reference			Bag qty. (pcs) / Box qty. (pcs)
	0800 6410 184	F 870	Figure 8 End Plug (fits 16 mm to 18 mm tubing)	Black	25 / 500

Sod Staples

Product picture	Sod Staples				
	Part number		Description	Colour	Packaging details
	EMEA reference	USA reference			Bag qty. (pcs)
	0800 6410 370	FW6 / 100	150 mm Sod Staple Flat Top	N/A	100
	0800 6410 373	SW6 / 100	150 mm Sod Staple Round Top	N/A	100

Stakes

Product picture	Stakes				
	Part number		Description	Colour	Packaging details
	EMEA reference	USA reference			Bag qty. (pcs) / Box qty. (pcs)
	0800 6410 271	S 6	150 mm Plastic Stake	Black	100 / 3,000
	0800 6410 272	S 7	150 mm Plastic Stake to hold down 16 mm to 18 mm OD tubing	Black	50 / 700

Manual Valves

Product picture	Valves				
	Part number		Description	Colour	Packaging details
	EMEA reference	USA reference			Bag qty. (pcs) / Box qty. (pcs)
	0800 6410 215	MV 25	1/4" Flow Controlling Valve (barb x barb) (fits 4 mm tubing)	Black	100 / 500
	0800 6410 216	MVT 25	1/4" Flow Controlling Valve (thread x thread) (fits 4 mm to 7 mm risers; use with 4 mm tubing)	Black	100 / 500
	0800 2410 073	BV 75	3/4" FHT x 3/4" MHT Ball Valve	Black	25 / 150

PROFESSIONAL DRIP IRRIGATION

Air/Vacuum Valves

Product picture	Air/Vacuum Valves				
	Part number		Description	Colour	Packaging details
	EMEA reference	USA reference			Bag qty. (pcs) / Box qty. (pcs)
	0800 6410 383	AVRV 50	1/2" Air / Vacuum Release Valve (1/2" MIPT inlet)	Black	25 / 100

Hole Punches

Product picture	Hole Punches				
	Part number		Description	Colour	Packaging details
	EMEA reference	USA reference			Bag qty. (pcs) / Box qty. (pcs)
	0800 6410 199	HP 100	Hole Punch for 3.2 mm fittings	Blue	10 / 150
	0800 6410 200	HP 125	Hole Punch for PC Plus™; Multi-Flo™; Aqua-Flo™; Dial-a-Flo™; Super-Flo™; Misti-Flo™ and 6 mm fittings	Green	10 / 150

Distribution & Supply Tubing

Product picture	Tubing				
	Part number		Description	Colour	Packaging details
	EMEA reference	USA reference			Coil size (m)
	0800 6410 340	A 660BR / 250S	17 mm Polyethylene Tubing, 75 m coil	Brown	75
	0800 6410 341	A 660BR / 500S	17 mm Polyethylene Tubing, 150 m coil	Brown	150
	0800 6410 332	A 250 / 1000B	1/4" (6 mm) Polyethylene Tubing in bucket, 300 m coil	Black	300
	0800 6410 425	A 250 / 1000	1/4" (6 mm) Polyethylene Tubing, 300 m coil	Black	300
	0800 6410 422	A 250V / 1000B	1/4" (6 mm) Vinyl Tubing in bucket, 300 m coil	Black	300

Additional Irrigation Accessories

Swing Pipe

Product picture	Swing Pipe				
	Part number		Description	Colour	Packaging details
	EMEA reference	USA reference			Coil size (m)
	0800 2460 001	SRP FLEX / 100SH	1/2" Super Flexee™ Swing Riser Pipe (12.5 mm ID x 17.5 mm OD), shrink-wrapped	Black	30

Landscape Sprinkler Products

Product picture	Landscape Sprinkler Products				
	Part number		Description	Colour	Packaging details
	EMEA reference	USA reference			Bag qty. (pcs)
Swing Pipe Fittings					
	0800 2460 005	FPA-0500	1/2" Male x Barbed Swing Pipe Adaptor	N/A	50
	0800 2460 006	FPA-0750	3/4" Male x Barbed Swing Pipe Adaptor	N/A	250
	0800 2460 007	FPC-0490	Barbed x Barbed Swing Pipe Connector	N/A	250
	0800 2460 008	FPE-0500	1/2" Male x Barbed Swing Pipe Elbow	N/A	400
	0800 2460 009	FPE-0750	3/4" Male x Barbed Swing Pipe Elbow	N/A	250
	0800 2460 010	FPT-0500	1/2" Male x Barbed X Barbed Swing Pipe Tee	N/A	500
Anti-Freeze Drain Valve					
	0800 6410 375	AFD-0500	1/2" x 1/2" MIPT x Screen Anti-Freeze Drain Valve	N/A	200

Swing Joints

Product picture	Swing Joints				
	Part number		Description	Colour	Packaging details
	EMEA reference	USA reference			Bag qty. (pcs)
	0800 6410 380	TSA-1000-BB	1" (BSP x BSP)	Grey	25

03 Valve Boxes



NDS valve boxes span a wide variety of sizes from 6" round boxes to 17" x 30" rectangular boxes. They are available with black, green, purple, brown and sand covers

with option of irrigation control valve or reclaimed water designations. All NDS boxes and lids contain UV inhibitors for sustained durability and performance in direct sunlight.



Categories & Key Products



NDS® Pro-Spec™ Series NEW

Next Generation Commercial Grade

- Superior performance and durability
- Specification grade for professional application
- Option of Irrigation Control Valve (ICV) or Reclaimed Water labelled covers.
- Available in various colour combinations
- UV resistance

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NDS® Standard Series

Residential / Commercial Grade

- Option of Irrigation Control Valve (ICV) or Reclaimed Water labelled covers.
- Twist-on cover ensures easy removal on 6" round boxes
- Available in various colour combinations
- UV resistance

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NDS Pro-Spec™ Series



Superior strength with unique corrugated sidewalls



- ✓ Corrugated sidewalls provide higher strength
- ✓ Specification grade valve boxes for commercial applications
- ✓ Reinforced covers for heavier loads
- ✓ Integrated nut for bolt-down capability
- ✓ High UV resistance prevents discoloration and cracking
- ✓ Overlapping covers prevent dirt and grass from settling in between body and cover

Love what you see? Here are some more products you may like.



EZ Roll™ Grass Paver
Page 80



NORMA PN 10
Page 20

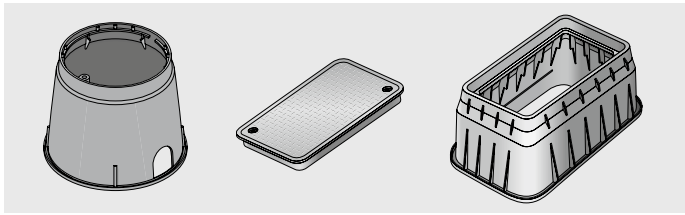


NORMA PC Dripline
Page 44



Order a sample online!

Technical Information



Applications & Material

Application: The NDS Pro-Spec™ Series is the next generation of commercial grade valve boxes that are ideal for the specification market.

Material: High-impact, high-density, injection-moulded structural foam polyethylene construction.

NOTE: Please refer to the description of the Box & Cover set to identify those with a bolt. For others, the bolt needs to be ordered separately.

NDS Pro-Spec™ 10" Round Corrugated Valve Boxes

Tapered body with a minimum wall thickness of 6 mm. The cover seat area has 8 structural support ribs on the underside of the seat. The bottom of the body has a 12 mm flange. The 10" round cover has an average thickness of 8 mm.

Product picture	NDS Pro-Spec™ 10" Round Corrugated Valve Boxes						
	Part number		Description	Colour		Size (Ø cm)	Packaging details
	EMEA reference	USA reference		Box	Cover		Pallet quantity (pcs)
	Box & Cover						
	0800 2730 001	311BCB	10" Round Corrugated Box; Round Overlapping Cover with Bolt - ICV			25	132
	0800 2730 002	311BCBBLK	10" Round Corrugated Box; Round Overlapping Cover with Bolt - ICV			25	132
	0800 2730 003	312BCB	10" Round Corrugated Box; Round Overlapping Cover with Bolt - ICV			25	132
	0800 2730 004	312BCBSAND	10" Round Corrugated Box; Round Overlapping Cover with Bolt - ICV			25	132
	0800 2730 005	312PBCBR	10" Round Corrugated Box; Round Overlapping Cover with Bolt - Reclaimed Water			25	132
	0800 2730 006	311BCR	10" Round Corrugated Box; Round Overlapping Cover - Reclaimed Water			25	132
	0800 2730 007	312BCRBLK	10" Round Corrugated Box; Round Overlapping Cover - Reclaimed Water			25	132
	0800 2730 008	312BCRG	10" Round Corrugated Box; Round Overlapping Cover - Reclaimed Water			25	132
	Cover only						
	0800 2730 009	311C	10" Round Overlapping Cover - ICV			25	200
	0800 2730 010	311C BLK	10" Round Overlapping Cover - ICV			25	200
	0800 2730 011	311C BRN	10" Round Overlapping Cover - ICV			25	200
	0800 2730 012	311CSAND	10" Round Overlapping Cover - ICV			25	200
	0800 2730 013	311CR	10" Round Overlapping Cover - Reclaimed Water			25	200
	0800 2730 014	311CRG	10" Round Overlapping Cover - Reclaimed Water			25	200
	Box only						
	0800 2730 015	311B	10" Round Corrugated Box			25	132
	0800 2730 016	312B	10" Round Corrugated Box			25	132
	0800 2730 017	312PB	10" Round Corrugated Box			25	132
	Bolt						
	0800 2740 031	113BB	2 1/2" x 3/8" SS Bolt	Steel		N/A	600 pcs / box

VALVE BOXES

NDS Pro-Spec™ 14" x 19" Rectangular Valve Boxes

The NDS Pro-Spec™ 14" x 19" body is tapered and has a minimum wall thickness of 5 mm. The body has a double wall in the top cover seat area, with a minimum thickness of 5 mm. The cover seat area has 18 structural support ribs on the underside of the seat, each with a minimum thickness of 5 mm. The bottom of the body has a 12 mm flange. The cover has an average thickness of 5 mm. The valve box has a 3/8" brass nut for bolt-down as a standard feature.

Product picture	NDS Pro-Spec™ 14" x 19" Rectangular Valve Boxes						
	Part number		Description	Colour		Size (W x L x H cm)	Packaging details
	EMEA reference	USA reference		Box	Cover		Pallet quantity (pcs)
	Box & Cover						
	0800 2730 018	313BCB	14" x 19" x 12" Corrugated Box; Overlapping Cover with Bolt - ICV			36 x 48 x 30	84
	0800 2730 019	313BCBBLK	14" x 19" x 12" Corrugated Box; Overlapping Cover with Bolt - ICV			36 x 48 x 30	84
	0800 2730 020	314BCB	14" x 19" x 12" Corrugated Box; Overlapping Cover with Bolt - ICV			36 x 48 x 30	84
	0800 2730 021	314BCBSAND	14" x 19" x 12" Corrugated Box; Overlapping Cover with Bolt - ICV			36 x 48 x 30	84
	0800 2730 022	313BCBR	14" x 19" x 12" Corrugated Box; Overlapping Cover with Bolt - Reclaimed Water			36 x 48 x 30	84
	0800 2730 023	313BCBRBLK	14" x 19" x 12" Corrugated Box; Overlapping Cover with Bolt - Reclaimed Water			36 x 48 x 30	84
	0800 2730 024	313BCBRG	14" x 19" x 12" Corrugated Box; Overlapping Cover with Bolt - Reclaimed Water			36 x 48 x 30	84
	0800 2730 025	314BCBRG	14" x 19" x 12" Corrugated Box; Overlapping Cover with Bolt - Reclaimed Water			36 x 48 x 30	84
	0800 2730 026	314PBCBR	14" x 19" x 12" Corrugated Box; Overlapping Cover with Bolt - Reclaimed Water			36 x 48 x 30	84
	Cover only						
	0800 2730 027	313C	14" x 19" Overlapping Cover - ICV			36 x 48	300
	0800 2730 028	313CBLK	14" x 19" Overlapping Cover - ICV			36 x 48	300
	0800 2730 029	313CBRN	14" x 19" Overlapping Cover - ICV			36 x 48	300
	0800 2730 030	313CSAND	14" x 19" Overlapping Cover - ICV			36 x 48	300
	0800 2730 031	313CR	14" x 19" Overlapping Cover - Reclaimed Water			36 x 48	300
	0800 2730 032	313CRBLK	14" x 19" Overlapping Cover - Reclaimed Water			36 x 48	300
	0800 2730 033	313CRG	14" x 19" Overlapping Cover - Reclaimed Water			36 x 48	300
	Box only						
	0800 2730 034	314B	14" x 19" x 12" Corrugated Box			36 x 48 x 30	84
	0800 2730 035	314BBLK	14" x 19" x 12" Corrugated Box			36 x 48 x 30	84
	Bolt						
	0800 2740 031	113BB	2 1/2" x 3/8" SS Bolt	Steel		N / A	600 pcs / box

NDS Pro-Spec™ 13" x 20" Rectangular Valve Boxes

The NDS Pro-Spec™ 13" x 20" body is tapered and has a minimum wall thickness of 6 mm. The body has a double wall in the top cover seat area, with a minimum thickness of 6 mm. The cover seat area has 22 structural support ribs on the underside of the seat, each with a minimum thickness of 3 mm. The bottom of the body has a 12 mm flange. The cover has an average thickness of 6 mm. The valve box has a 3/8" brass nut for bolt-down as a standard feature.

Product picture	NDS Pro-Spec™ 13" x 20" Rectangular Valve Boxes						
	Part number		Description	Colour		Size (W x L x H cm)	Packaging details
	EMEA reference	USA reference		Box	Cover		Pallet quantity (pcs)
	Box & Cover						
	0800 2730 036	317BCB	13" x 20" x 12" Jumbo Corrugated Box; Overlapping Cover with Bolt - ICV			33 x 51 x 30	56
	0800 2730 037	317BCBLK	13" x 20" x 12" Jumbo Corrugated Box; Overlapping Cover with Bolt - ICV			33 x 51 x 30	56
	0800 2730 038	318BCB	13" x 20" x 12" Jumbo Corrugated Box; Overlapping Cover with Bolt - ICV			33 x 51 x 30	56
	0800 2730 039	318BCBSAND	13" x 20" x 12" Jumbo Corrugated Box; Overlapping Cover with Bolt - ICV			33 x 51 x 30	56
	0800 2730 040	318BCBRBLK	13" x 20" x 12" Jumbo Corrugated Box; Overlapping Cover with Bolt - Reclaimed Water			33 x 51 x 30	56
	0800 2730 041	318BCBRG	13" x 20" x 12" Jumbo Corrugated Box; Overlapping Cover with Bolt - Reclaimed Water			33 x 51 x 30	56
	0800 2730 042	318PBCBR	13" x 20" x 12" Jumbo Corrugated Box; Overlapping Cover with Bolt - Reclaimed Water			33 x 51 x 30	56
	Cover only						
	0800 2730 043	317C	13" x 20" Overlapping Cover - ICV			33 x 51	180
	0800 2730 044	317C BLK	13" x 20" Overlapping Cover - ICV			33 x 51	180
	0800 2730 045	317C BRN	13" x 20" Overlapping Cover - ICV			33 x 51	180
	0800 2730 046	317CSAND	13" x 20" Overlapping Cover - ICV			33 x 51	180
	0800 2730 047	317CR	13" x 20" Overlapping Cover - Reclaimed Water			33 x 51	180
	Box only						
	0800 2730 048	318B	13" x 20" x 12" Jumbo Corrugated Box			33 x 51 x 30	56
	0800 2730 049	318B BLK	13" x 20" x 12" Jumbo Corrugated Box			33 x 51 x 30	56
	0800 2730 050	318PB	13" x 20" x 12" Jumbo Corrugated Box			33 x 51 x 30	56
	Bolt						
	0800 2740 031	113BB	2 1/2" x 3/8" SS Bolt	Steel		N / A	600 pcs / box

VALVE BOXES

NDS Pro-Spec™ 13" x 24" Rectangular Valve Boxes

The NDS Pro-Spec™ 13" x 24" body is tapered and has a minimum wall thickness of 7 mm. The body has a double wall in the top cover seat area, with a minimum thickness of 7 mm. The cover seat area has 18 structural support ribs on the underside of the seat, each with a minimum thickness of 6 mm. The bottom of the body has a 25 mm flange. The cover has an average thickness of 8 mm. The valve box has a 3/8" brass nut for bolt-down as a standard feature.

Product picture	NDS Pro-Spec™ 13" x 24" Rectangular Valve Boxes						
	Part number		Description	Colour		Size (W x L x H cm)	Packaging details
	EMEA reference	USA reference		Box	Cover		Pallet quantity (pcs)
	Box & Cover						
	0800 2730 051	321BCB	13" x 24" x 12" Corrugated Box; Overlapping Cover with Bolt - ICV			33 x 61 x 30	12
	0800 2730 052	321BCB-BG	13" x 24" x 12" Corrugated Box; Overlapping Cover with Bolt - ICV			33 x 61 x 30	12
	0800 2730 053	322BCB	13" x 24" x 15" Corrugated Box; Overlapping Cover with Bolt - ICV			33 x 61 x 38	12
	0800 2730 054	325BCB	13" x 24" x 15" Corrugated Box; Overlapping Cover with Bolt - ICV			33 x 61 x 38	12
	0800 2730 055	322PBCBR	13" x 24" x 12" Corrugated Box; Overlapping Cover with Bolt - Reclaimed Water			33 x 61 x 30	12
	Cover only						
	0800 2730 056	322C	13" x 24" Overlapping Cover - ICV			33 x 61	125
	Box only						
	0800 2730 057	321B	13" x 24" x 12" Corrugated Box			33 x 61 x 30	12
	0800 2730 058	322B	13" x 24" x 15" Corrugated Box			33 x 61 x 38	12
	0800 2730 059	325B	13" x 24" x 15" Corrugated Box			33 x 61 x 38	12
	Bolt						
	0800 2730 060	121BB	3/8" x 3" SS Bolt	Steel		N / A	600 pcs / box

NDS Pro-Spec™ 17" x 30" Rectangular Valve Boxes

The NDS Pro-Spec™ 17" x 30" body is tapered and has a minimum wall thickness of 8 mm. The body has a double wall in the top cover seat area, with a minimum thickness of 8 mm. The cover seat area has 20 structural support ribs on the underside of the seat, each with a minimum thickness of 6 mm. The bottom of the body has a 25 mm flange. The cover has an average thickness of 9 mm. The valve box has a 3/8" brass nut for bolt-down as a standard feature.

Product picture	NDS Pro-Spec™ 17" x 30" Rectangular Valve Boxes						
	Part number		Description	Colour		Size (W x L x H cm)	Packaging details
	EMEA reference	USA reference		Box	Cover		Pallet quantity (pcs)
	Box & Cover						
	0800 2730 061	324BCB	17" x 30" x 15" Corrugated Box; Overlapping Cover with Bolt - ICV			43 x 76 x 38	6
	0800 2730 062	324BCB-BG	17" x 30" x 15" Corrugated Box; Overlapping Cover with Bolt - ICV			43 x 76 x 38	6
	0800 2730 063	326BCB	17" x 30" x 18" Corrugated Box; Overlapping Cover with Bolt - ICV			43 x 76 x 46	6
	0800 2730 064	326BCB-BG	17" x 30" x 18" Corrugated Box; Overlapping Cover with Bolt - ICV			43 x 76 x 46	6
	0800 2730 065	326PBCBR	17" x 30" x 18" Corrugated Box; Overlapping Cover with Bolt - Reclaimed Water			43 x 76 x 46	6
	Cover only						
	0800 2730 066	323C	17" x 30" Overlapping Cover - ICV			43 x 76	75
	0800 2730 067	323CR	17" x 30" Overlapping Cover - Reclaimed Water			43 x 76	75
	Box only						
	0800 2730 068	324B	17" x 30" x 15" Corrugated Box			43 x 76 x 38	6
	0800 2730 069	324B BLK	17" x 30" x 15" Corrugated Box			43 x 76 x 38	6
	0800 2730 070	326B	17" x 30" x 18" Corrugated Box			43 x 76 x 46	6
	0800 2730 071	326B BLK	17" x 30" x 18" Corrugated Box			43 x 76 x 46	6
	Bolt						
	0800 2730 060	121BB	3/8" x 3" SS Bolt	Steel		N / A	600 pcs / box

NDS Standard Series



High-quality valve boxes designed for longevity



- ✓ Reinforced covers for heavy loads
- ✓ UV resistance
- ✓ Integrated nut for bolt down capability
- ✓ Available in wide variety of sizes and colours
- ✓ Overlapping covers prevent dirt and grass from settling in between body and cover
- ✓ The bayonet twist-on cover ensures easy removal on 6" round covers

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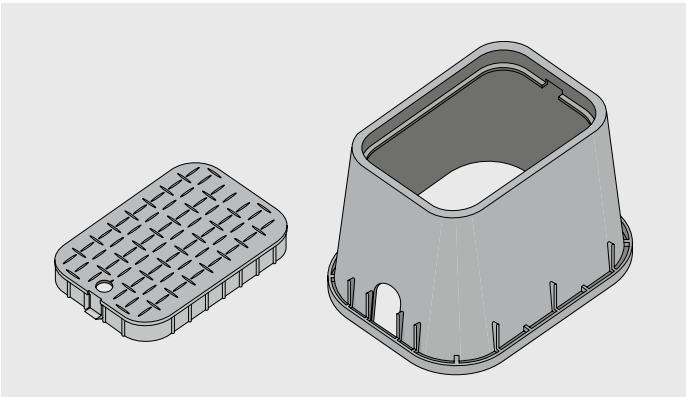


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Order a sample online!

Technical Information



Applications

NDS Standard Series Valve Boxes are used in residential and commercial applications. They are designed to offer years of service under most demanding conditions and have designations for irrigation control valve and reclaimed water.

Material

One piece moulded of polyolefins (polyethylene and polypropylene). UV inhibitors added in to prevent discoloration and cracking.

NOTE: Please refer to the description of the Box & Cover set to identify those with bolt. For others, the bolt needs to be ordered separately.

NDS Standard Series 6" Round Valve Boxes

The NDS Standard Series 6" round body is tapered and has a minimum wall thickness of 5 mm. The body has a double wall in the top cover seat area, with a minimum thickness of 3 mm. The bottom of the body has a 6 mm flange. The 6" round cover has an average thickness of 5 mm.

Product picture	NDS Standard Series 6" Round Valve Boxes						
	Part number		Description	Colour		Size (Ø cm)	Packaging details
	EMEA reference	USA reference		Box	Cover		Pallet quantity (pcs)
	Box & Cover						
	0800 2740 004	107BC	6" Round Box; Round Overlapping Cover - ICV			15	250
	0800 2740 090	107BC BLK	6" Round Box; Round Overlapping Cover - ICV			15	250
	0800 2740 005	107BC SAND	6" Round Box; Round Overlapping Cover - ICV			15	250
	0800 2740 091	108BC	6" Round Box; Round Overlapping Cover - ICV			15	250
	0800 2740 008	107BCR	6" Round Box; Round Overlapping Cover - Reclaimed Water			15	250
	0800 2740 092	107BCR BLK	6" Round Box; Round Overlapping Cover - Reclaimed Water			15	250
	0800 2740 015	107PBCR	6" Round Box; Round Overlapping Cover - Reclaimed Water			15	250
	Cover only						
	0800 2740 009	107C	6" Round Overlapping Cover - ICV			15	800
	0800 2740 093	107C BLK	6" Round Overlapping Cover - ICV			15	800
	0800 2740 094	107C BRN	6" Round Overlapping Cover - ICV			15	800
	0800 2740 010	107C SAND	6" Round Overlapping Cover - ICV			15	800
	0800 2740 012	107CR	6" Round Overlapping Cover - Reclaimed Water			15	800
	Box only						
	0800 2740 002	107B	6" Round Box			15	250
	0800 2740 095	108B	6" Round Box			15	250

VALVE BOXES

NDS Standard Series 10" Round Valve Boxes

The NDS Standard Series 10" round body is tapered and has a minimum wall thickness of 5 mm. The cover seat area has 6 structural support ribs on the underside of the seat, each with a minimum thickness of 6 mm. The bottom of the body has a 12 mm flange. The 10" round cover has an average thickness of 6 mm. The valve box has a 5/16" brass nut for bolt-down as a standard feature.

Product picture	NDS Standard Series 10" Round Valve Boxes						
	Part number		Description	Colour		Size (Ø cm)	Packaging details
	EMEA reference	USA reference		Box	Cover		Pallet quantity (pcs)
	Box & Cover						
	0800 2740 021	111BCB	10" Round Box; Round Overlapping Cover with Bolt - ICV			25	180
	0800 2740 096	112BCB	10" Round Box; Round Overlapping Cover with Bolt - ICV			25	180
	0800 2740 097	111BC BLK	10" Round Box; Round Overlapping Cover - ICV			25	180
	0800 2740 020	111BC SAND	10" Round Box; Round Overlapping Cover - ICV			25	180
	0800 2740 023	111BCR	10" Round Box; Round Overlapping Cover - Reclaimed Water			25	180
	0800 2740 098	111BCR BLK	10" Round Box; Round Overlapping Cover - Reclaimed Water			25	180
	0800 2740 027	111PBCR	10" Round Box; Round Overlapping Cover - Reclaimed Water			25	180
	0800 2740 099	112BCRG	10" Round Box; Round Overlapping Cover - Reclaimed Water			25	180
	Cover only						
	0800 2740 024	111C	10" Round Overlapping Cover - ICV			25	300
	0800 2740 100	111C BLK	10" Round Overlapping Cover - ICV			25	300
	0800 2740 101	111C BRN	10" Round Overlapping Cover - ICV			25	300
	0800 2740 025	111C SAND	10" Round Overlapping Cover - ICV			25	300
	0800 2740 026	111CR	10" Round Overlapping Cover - Reclaimed Water			25	300
	0800 2740 102	111CRG	10" Round Overlapping Cover - Reclaimed Water			25	300
	Box only						
	0800 2740 016	111B	10" Round Box			25	180
	0800 2740 028	112B	10" Round Box			25	300
	Bolt						
	0800 2740 018	111BB	1 1/4" x 5/16" SS Bolt	Steel		N / A	600 pcs / box

03.

NDS Standard Series 14" x 19" Rectangular Valve Boxes

The NDS Standard Series 14" x 19" body is tapered and has a minimum wall thickness of 5 mm. The body has a double wall in the top cover seat area, with a minimum thickness of 6 mm. The cover seat area has 16 structural support ribs on the underside of the seat, each with a minimum thickness of 6 mm. The bottom of the body has a 12 mm flange. The cover has an average thickness of 6 mm. The valve box has a 3/8" brass nut for bolt-down as a standard feature.

Product picture	NDS Standard Series 14" x 19" Rectangular Valve Boxes						
	Part number		Description	Colour		Size (W x L x H cm)	Packaging details
	EMEA reference	USA reference		Box	Cover		Pallet quantity (pcs)
	Box & Cover						
	0800 2740 105	114BCB	14" x 19" x 12" Box; Overlapping Cover with Bolt - ICV			36 x 48 x 30	78
	0800 2740 034	113BCB	14" x 19" x 12" Box; Overlapping Cover with Bolt - ICV			36 x 48 x 30	78
	0800 2740 107	113BCB SAND	14" x 19" x 12" Box; Overlapping Cover with Bolt - ICV			36 x 48 x 30	78
	0800 2740 108	113BCBLK	14" x 19" x 12" Box; Overlapping Cover - ICV			36 x 48 x 30	78
	0800 2740 035	113BCR	14" x 19" x 12" Box; Overlapping Cover - Reclaimed Water			36 x 48 x 30	78
	0800 2740 109	113BCRBLK	14" x 19" x 12" Box; Overlapping Cover - Reclaimed Water			36 x 48 x 30	78
	0800 2740 110	113BCRG	14" x 19" x 12" Box; Overlapping Cover - Reclaimed Water			36 x 48 x 30	78
	0800 2740 040	113PBCR	14" x 19" x 12" Box; Overlapping Cover - Reclaimed Water			36 x 48 x 30	78
	0800 2740 043	115	14" x 19" x 6" Extension; Overlapping Cover - ICV			36 x 48 x 15	49
	0800 2740 103	116	14" x 19" x 6" Extension; Overlapping Cover - ICV			36 x 48 x 15	49
	0800 2740 104	115BCR	14" x 19" x 6" Extension; Overlapping Cover - Reclaimed Water			36 x 48 x 15	49
Cover only							
0800 2740 036	113C	14" x 19" Overlapping Cover - ICV			36 x 48	300	
0800 2740 111	113C BRN	14" x 19" Overlapping Cover - ICV			36 x 48	300	
0800 2740 037	113C SAND	14" x 19" Overlapping Cover - ICV			36 x 48	300	
0800 2740 112	113CB	14" x 19" Overlapping Cover - ICV			36 x 48	300	
0800 2740 038	113CR	14" x 19" Overlapping Cover - Reclaimed Water			36 x 48	300	
0800 2740 113	113CRB	14" x 19" Overlapping Cover - Reclaimed Water			36 x 48	300	
0800 2740 114	113CRG	14" x 19" Overlapping Cover - Reclaimed Water			36 x 48	300	
Box only							
0800 2740 030	113B	14" x 19" x 12" Box			36 x 48 x 30	78	
0800 2740 041	114B	14" x 19" x 12" Box			36 x 48 x 30	78	
0800 2740 029	113-6	14" x 19" x 6" Extension			36 x 48 x 15	49	
0800 2740 115	114-6	14" x 19" x 6" Extension			36 x 48 x 15	49	
0800 2740 045	116-SAND	14" x 19" x 6" Extension			36 x 48 x 15	49	
Bolt							
0800 2740 031	113BB	2 1/2" x 3/8" SS Bolt	Steel		N / A	600 pcs / box	

VALVE BOXES

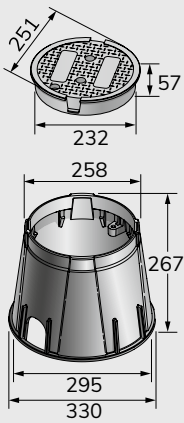
NDS Standard Series 13" x 20" Rectangular Valve Boxes

The NDS Standard Series 13" x 20" body is tapered and has a minimum wall thickness of 6 mm. The body has a double wall in the top cover seat area, with a minimum thickness of 6 mm. The cover seat area has 16 structural support ribs on the underside of the seat, each with a minimum thickness of 6 mm. The bottom of the body has a 12 mm flange. The cover has an average thickness of 6 mm. The valve box has a 3/8" brass nut for bolt-down as a standard feature.

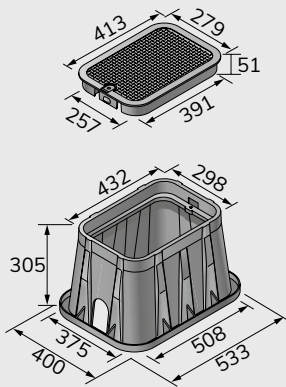
Product picture	NDS Standard Series 13" x 20" Rectangular Valve Boxes						
	Part number		Description	Colour		Size (W x L x H cm)	Packaging details
	EMEA reference	USA reference		Box	Cover		Pallet quantity (pcs)
	Box & Cover						
	0800 2740 047	117BC	13" x 20" x 12" Jumbo Box; Overlapping Cover - ICV			33 x 51 x 30	56
	0800 2740 117	117BC BLK	13" x 20" x 12" Jumbo Box; Overlapping Cover - ICV			33 x 51 x 30	56
	0800 2740 048	117BC SAND	13" x 20" x 12" Jumbo Box; Overlapping Cover - ICV			33 x 51 x 30	56
	0800 2740 052	118BC	13" x 20" x 12" Jumbo Box; Overlapping Cover - ICV			33 x 51 x 30	56
	0800 2740 118	117BCR	13" x 20" x 12" Jumbo Box; Overlapping Cover - Reclaimed Water			33 x 51 x 30	56
	0800 2740 119	117PBCR	13" x 20" x 12" Jumbo Box; Overlapping Cover - Reclaimed Water			33 x 51 x 30	56
	0800 2740 053	119	13" x 20" x 6" Jumbo Extension; Overlapping Cover - ICV			33 x 51 x 15	32
	0800 2740 116	120	13" x 20" x 6" Jumbo Extension; Overlapping Cover - ICV			33 x 51 x 15	32
	0800 2740 054	119 SAND	13" x 20" x 6" Jumbo Extension; Overlapping Cover - ICV			33 x 51 x 15	32
Cover Only							
	0800 2740 049	117C	13" x 20" Overlapping Cover - ICV			33 x 51	180
	0800 2740 120	117C BRN	13" x 20" Overlapping Cover - ICV			33 x 51	180
	0800 2740 050	117C SAND	13" x 20" Overlapping Cover - ICV			33 x 51	180
	0800 2740 121	117 CB	13" x 20" Overlapping Cover - ICV			33 x 51	180
	0800 2740 122	117CR	13" x 20" Overlapping Cover - Reclaimed Water			33 x 51	180
Box Only							
	0800 2740 046	117B	13" x 20" x 12" Jumbo Box			33 x 51 x 15	56
	0800 2740 125	118B	13" x 20" x 12" Jumbo Box			33 x 51 x 15	56
	0800 2740 123	117-6	13" x 20" x 6" Jumbo Extension			33 x 51 x 15	32
	0800 2740 124	118-6	13" x 20" x 6" Jumbo Extension			33 x 51 x 15	32
Bolt							
	0800 2740 031	113BB	2 1/2" x 3/8" SS Bolt	Steel		N / A	600 pcs / box

NDS Pro-Spec™ Series

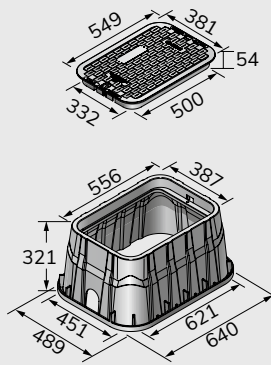
10" Round
Corrugated
Valve Boxes



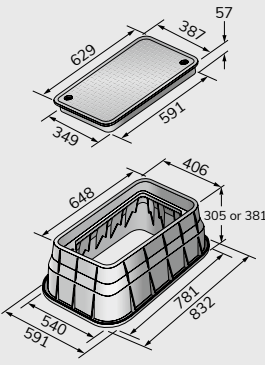
14" x 19"
Rectangular
Valve Boxes



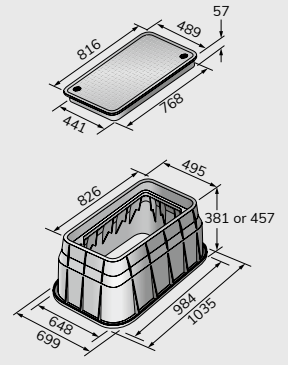
13" x 20"
Rectangular
Valve Boxes



13" x 24"
Rectangular
Valve Boxes



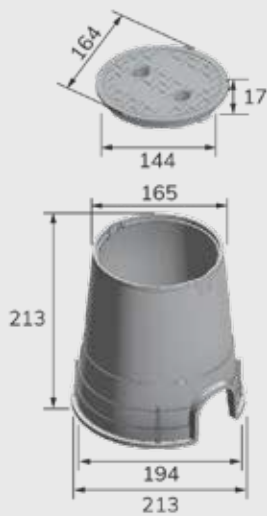
17" x 30"
Rectangular
Valve Boxes



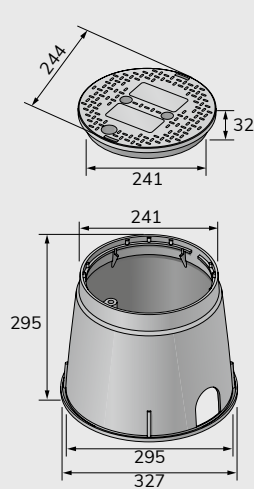
Note: All dimensions in mm

NDS Standard Series

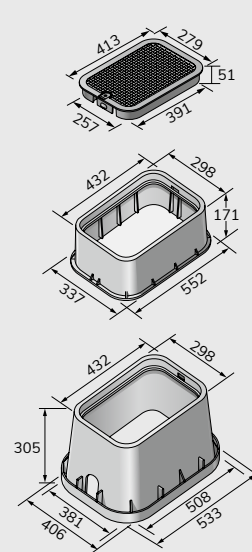
6" Round
Valve Boxes



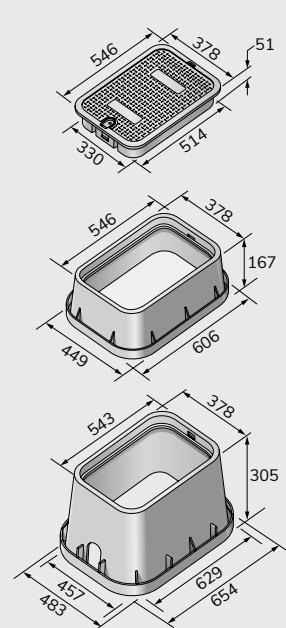
10" Round
Valve Boxes



14" x 19" Rectangular
Valve Boxes



13" x 20" Rectangular
Valve Boxes



Note: All dimensions in mm

04 Landscape Solutions



NDS Permeable Pavers provide an alternative solution to traditional paving methods by creating a strong grass or gravel surface that can support heavy loads. They maintain permeable surface areas, eliminating or reducing wa-

ter runoff. Tree sustainability solutions protect sidewalks, driveways, and walls of buildings from damage arising from tree roots.



Categories & Key Products



Permeable Pavers

Cost-effective alternative solution to traditional paving methods

- Easy installation due to roll design
- High compressive strength
- Recyclable material
- Reduced maintenance

[Page 76](#)



Tree Sustainability Solutions

Protects homeowners from high cost of repairs

- Easy installation
- Variety of solutions
- Recyclable material
- UV protection

[Page 79](#)

EZ Roll™ Grass Paver and Gravel Paver



Cut your installation time to a minimum by simply rolling out the product!



✓ Easy installation – EZ Roll™ products come in large rolls that are easy to lay and clip together

✓ Environmentally friendly – EZ Roll™ prevents soil compaction that inhibits healthy root growth

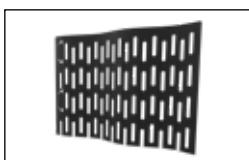
✓ High performance – UV inhibitors in the polymer prevent breakdown in paver strength

✓ Enhanced aesthetics – Pavers blend into the environment, minimising water runoff and soil erosion

Love what you see? Here are some more products you may like.



EZ Marker™ Parking Delineator [Page 82](#)



Trunk Protector™ [Page 84](#)

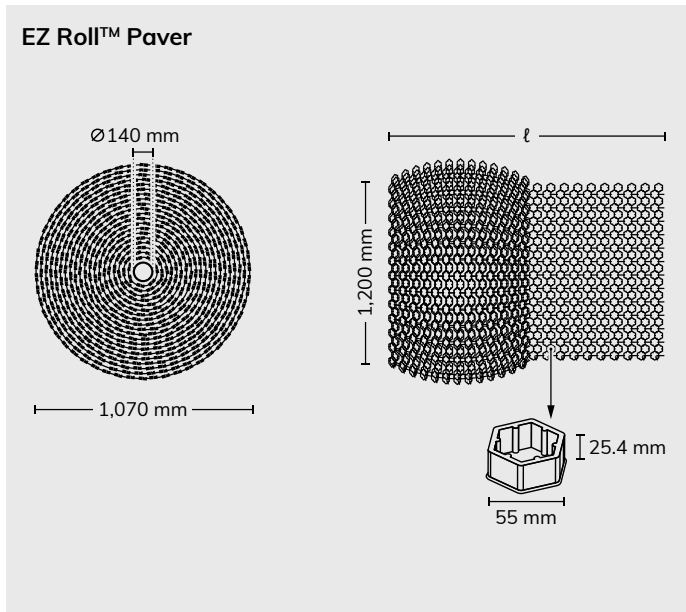


NORMA PC Dripline [Page 44](#)



Order a sample online!

Technical Information



Note: Different lengths - please refer to the tables

Applications

A turf-reinforcing, load-transferring paving system designed for:

- Golf cart paths
- Roadway shoulders
- Garage entrances
- Emergency vehicle access roads
- Overflow parking areas

Material

100% recycled HDPE plastic (50% pre-consumer, 50% post-consumer). HDPE is rugged, flexible and ideally suited for outdoor exposure and longevity.

Compressive strength

- Grass Pavers have a compressive strength of 24 kg / cm² in an empty condition and more than 181 kg / cm² when filled with native topsoil.
- Gravel Pavers have a compressive strength of 24 kg / cm² in an empty condition and more than 226 kg / cm² when filled.

Installation guideline



Roll it out

Manufactured in pre-assembled rolls for fast and easy installation on prepared base.

Clip it together

Lateral snap-lock system allows rolls to be connected without special tools.

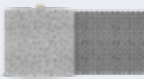
Fill it

- Top with sod or seed per local standards
- Use clean gravel that is uniform in size, 1 cm angular stones work best.

EZ Roll™ Grass Pavers

Product picture	EZ Roll™ Grass Pavers					
	Part number		Description	Colour	Size (m)	Packaging details
	EMEA reference	USA reference				Pallet qty. (pcs)
	0800 6340 004	EZ4X24	EZ Roll™ Grass Pavers, 1.2 m x 7.3 m roll, 8.7 m ² area	Black	1.2 x 7.3	6
	0800 6340 014	EZ4X110	EZ Roll™ Grass Pavers, 1.2 m x 33.5 m roll, 40.2 m ² area	Black	1.2 x 33.5	4

EZ Roll™ Gravel Pavers

Product picture	EZ Roll™ Gravel Pavers					
	Part number		Description	Colour	Size (m x m)	Packaging details
	EMEA reference	USA reference				Pallet qty. (pcs)
	0800 6340 015	GP4X110	EZ Roll™ Gravel Pavers, 1.2 m x 33.5 m roll, 39.6 m² area	Black	1.2 x 33.5	1
	0800 6340 009	GP4X150G	EZ Roll™ Gravel Pavers, 1.2 m x 45.4 m roll, 53.6 m² area	Grey	1.2 x 45.4	1
	0800 6340 010	GP4X150R	EZ Roll™ Gravel Pavers, 1.2 m x 45.4 m roll, 53.6 m² area	Brick Red	1.2 x 45.4	1
	0800 6340 011	GP4X150T	EZ Roll™ Gravel Pavers, 1.2 m x 45.4 m roll, 53.6 m² area	Tan	1.2 x 45.4	1
	0800 6340 012	GPSTAKE	EZ Roll™ Gravel Paver Stake	Raw Steel	NA	-

TUFFTRACK™ Grass Paver

Product picture	TUFFTRACK™ Grass Paver					
	Part number		Description	Colour	Size (cm x cm)	Packaging details
	EMEA reference	USA reference				Pallet qty. (pcs)
	0800 6340 013	TT-24	Tufftrack® Grass Pavers 60 cm x 60 cm Compressive strength of 42 kg / cm² in an empty condition and more than 195 kg / cm² when filled with native topsoil.	Black	60 x 60	132

EZ Marker™ Parking Delineators

Product picture	EZ Marker™ Parking Delineators				
	Part number		Description	Colour	Packaging details
	EMEA reference	USA reference			Pkg. qty. (pcs)
	0800 6340 005	EZMARKER	EZ Roll™ Parking Delineator	White	100
	0800 6340 006	EZMARKER-B	EZ Roll™ Parking Delineator	Blue	100
	0800 6340 007	EZMARKER-Y	EZ Roll™ Parking Delineator	Yellow	100

Tree Sustainability Solutions

Tree sustainability solutions include root barrier systems which help in directing the roots from shrubs and trees to grow downwards.

This dramatically decreases the roots’ potential to damage sidewalks, driveways, building foundations, etc.

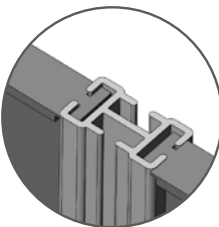
Modular EP Series Root Barrier Panels

EP Series Root Barrier Panels by NDS include factory installed independent joiner strips. Each barrier is a minimum of 2.3 mm thick and is made of up to 50% post-consumer High Impact Polypropylene (HIPP) with UV inhibitors to ensure longevity. Barrier Panels have 12.7 mm raised vertical

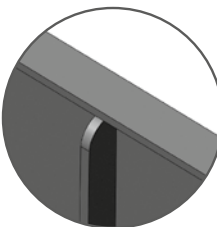
ribs running perpendicular to the panel and are 152.4 mm on centre. All EP Series Panels feature a 9.5mm wide “T” top edge and an external ground anchoring base flange that is 3.2 mm in width.



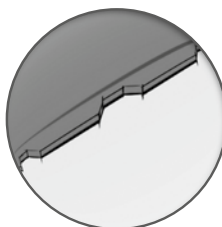
Quad Clip™



Joiner Strips



Reinforcing
Ribs

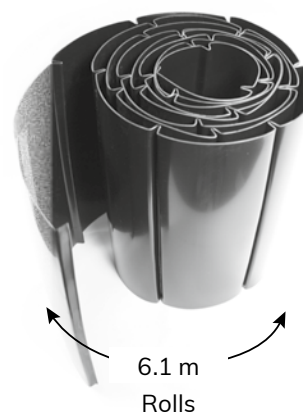


Anchor
Lock™

Product picture	Modular EP Series Root Barrier Panels					
	Part number		Description	Colour	Size (cm x cm)	Packaging details
	EMEA reference	USA reference				Pkg. qty. (pcs)
	0800 6310 001	EP-1250	30 cm x 60 cm Root Barrier Panel	Black	30 x 60	25
	0800 6310 002	EP-1850	45 cm x 60 cm Root Barrier Panel	Black	45 x 60	25
	0800 6310 003	EP-2450	60 cm x 60 cm Root Barrier Panel	Black	60 x 60	25
	0800 6310 004	EP-3650	90 cm x 60 cm Root Barrier Panel	Black	90 x 60	25

Root Barrier Roll

The Root Barrier Roll by NDS is manufactured from up to 50% recycled HDPE with UV inhibitors with a thickness of 1 mm - 1.5 mm. Barriers feature vertically integrated and flared moulded 90° root-deflecting ribs that protrude 12.7 mm from the wall and are placed 152.4 mm - 203.2 mm apart. A root impervious moulded end provides easy assembly using staples or a sealant design to bind to HDPE (a dual-sided solvent-based tape).



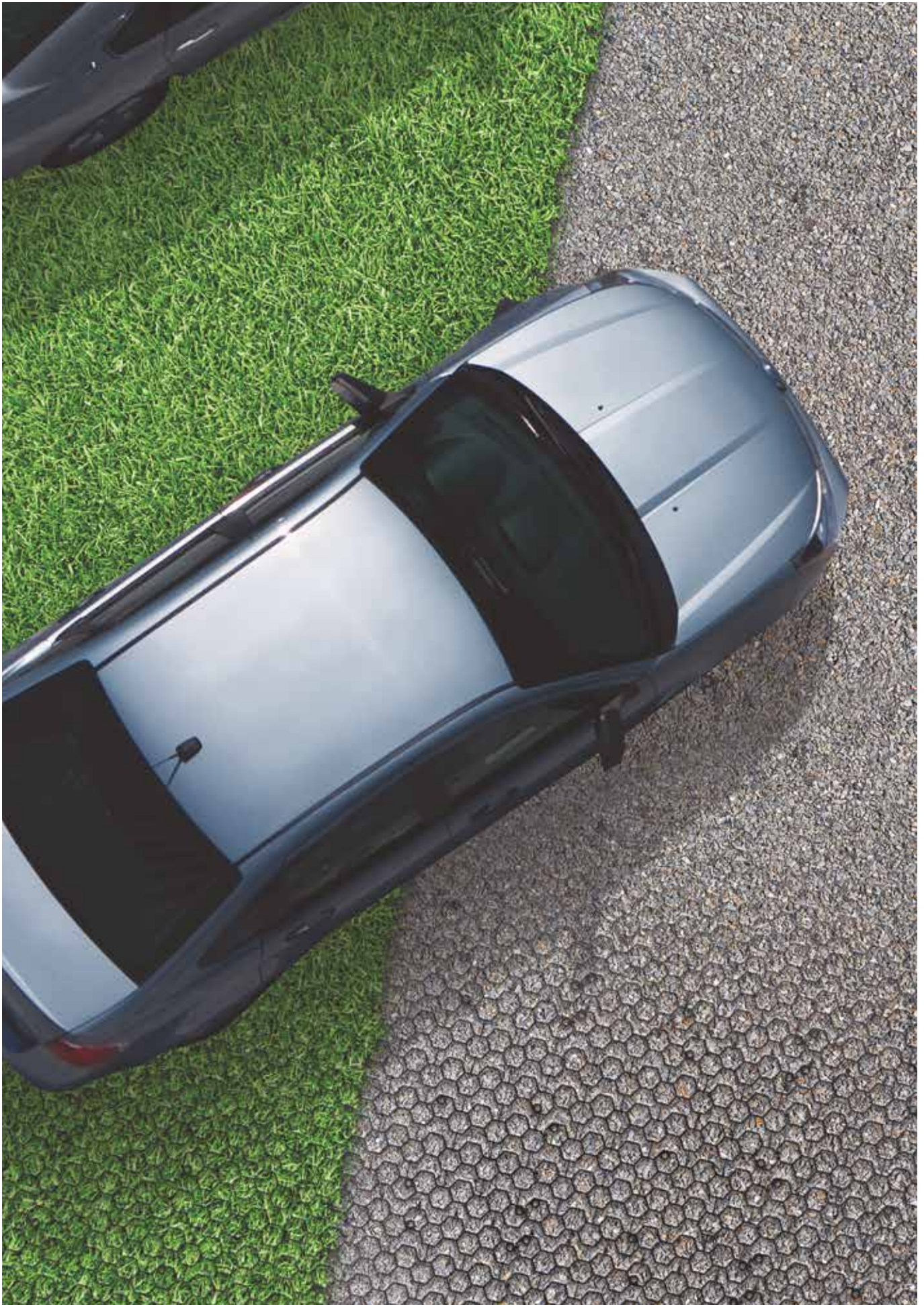
Product picture	Root Barrier Roll					
	Part number		Description	Colour	Size (m x m)	Packaging details
	EMEA reference	USA reference				Pkg. qty. (pcs)
	0800 6310 005	SM-1220	0.30 m x 6 m Roll	Black	0.30 x 6	1
	0800 6310 006	SM-1820	0.45 m x 6 m Roll	Black	0.45 x 6	1
	0800 6310 007	SM-2420	0.60 m x 6 m Roll	Black	0.60 x 6	1
	0800 6310 008	SM-3620	0.90 m x 6 m Roll	Black	0.90 x 6	1

Root Barrier Planters

Product picture	Root Barrier Planters					
	Part number		Description	Colour	Size	Packaging details
	EMEA reference	USA reference				Pkg. qty. (pcs)
	0800 6310 010	FI-15	Tapered Root Barrier Planter	Black	-	1

Trunk Protector

Product picture	Trunk Protector					
	Part number		Description	Colour	Size	Packaging details
	EMEA reference	USA reference				Pkg. qty. (pcs)
	0800 6310 009	TP-128	Trunk Protector	Grey	-	50



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