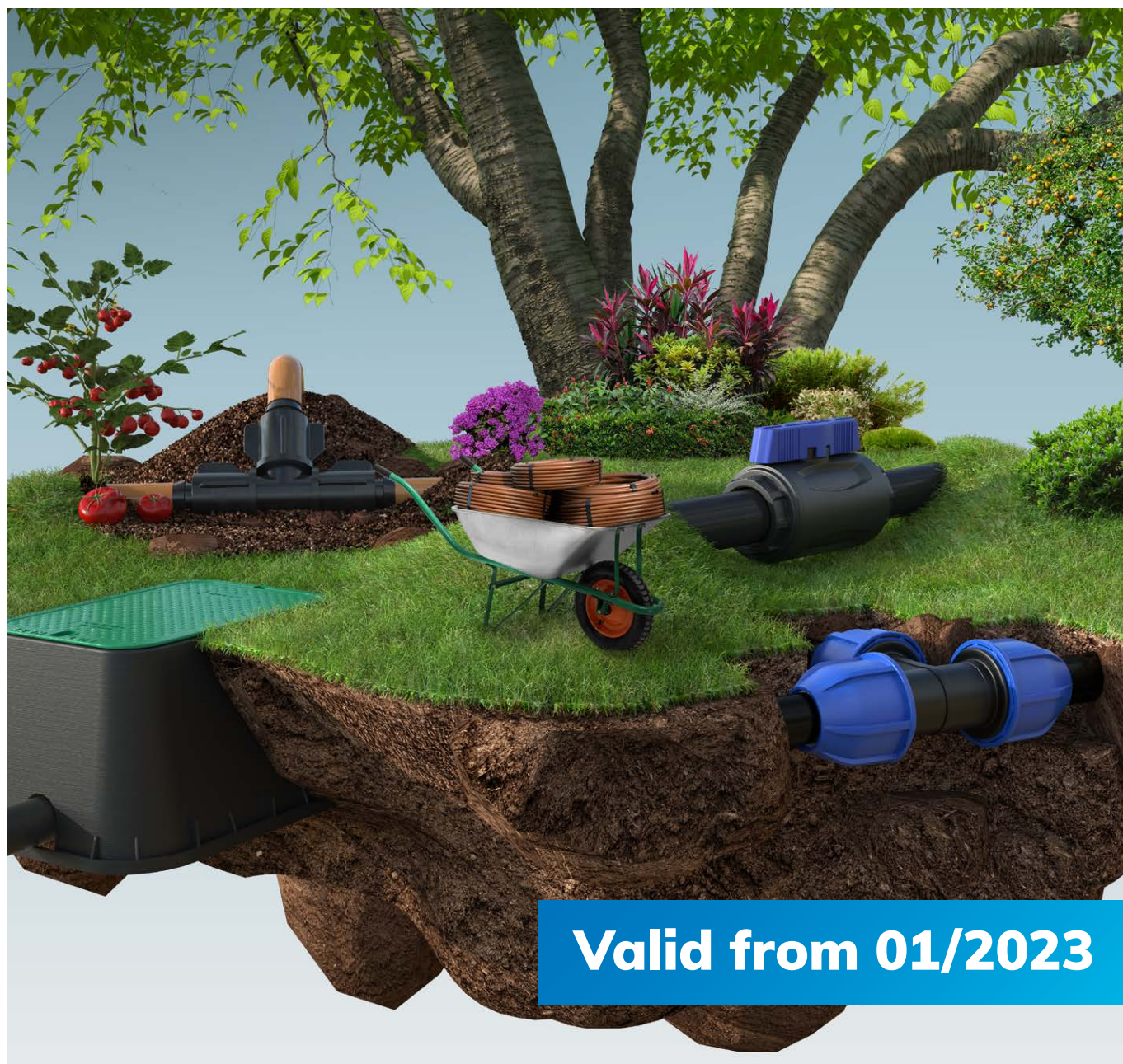


Irrigation Catalogue

Joining Solutions | Drip Irrigation | Valve Boxes | Landscape Solutions



Three good reasons why our customers trust in us

Every partner is a big deal to us

In addition to our wide range of irrigation products, NORMA Group offers you personalized attention and professional business support.



A partner at your side

Small and medium-sized distributors will enjoy big support from NORMA. We recognize that our success is built on yours, so we commit to giving you the highest levels of product access, personalized sales attention, and marketing support.



We respond to your needs

Innovation often begins with distributor input. When our Eastern colleagues needed 17 mm dripline products, we responded with appropriately sized fittings and pipes. As a result, we can grow together in a dynamic marketplace.



Setting new standards

Where we find product gaps, NORMA Group creates new solutions for durability, flexibility, and efficiency that help our distributors increase their value and expand their business.

SmartConnect Solutions for all irrigation systems

An irrigation system is only as good as its connecting parts. So why not build the best system you can by relying on tried and tested joining and fitting solutions? Nowadays, every drop of water counts. Joining and fastening elements are usually the weakest link in an irrigation system, and we make sure your water flows smoothly to where it is ultimately needed, your plants.

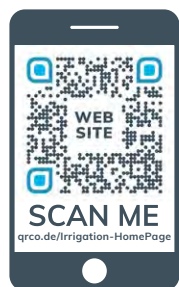
Don't let your connections be your weakest link.

Discover our leading joining and fixing technology that connects your irrigation system just perfectly. We can provide you with the ideal solution that helps you put an end to inefficient water loss and meets all your irrigation needs. Uncompromising quality and reliability have made NORMA® the preferred brand for landscape and agricultural applications, structural and civil engineering, and sanitary solutions.

Benefit from an unrivalled portfolio, "Fit and Forget" installation, and let your water flow without having to worry about it any longer.

Compound expertise

NORMA and NDS, an irrigation leader with 45 years of water management experience, apply their combined intelligence to traditional irrigation and drip irrigation challenges. Thanks to their research and experience, NORMA Group offers leak-proof connectivity, faster and easier installation, and material construction that resists the destructive impacts of heat, cold, UV rays and more.



FIND MORE INFORMATION:
NORMA-IRRIGATION.COM



The management system complies with the requirements of the standards:
UNE-EN ISO 9001:2015, EN ISO 14001:2015 and ISO 45001:2018.

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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, and several other joining solutions.



Categories & Key Products



Compression Fittings NEW RANGE

High-performance compression fittings

- Complete range, certified for drinking water
- Suitable for highly demanding applications
- High UV and temperature resistance
- Fast and easy connection

[Page 08](#)



Ball Valves

High-quality nylon based ball valves

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

[Page 38](#)



Threaded Fittings

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

[Page 41](#)



Clamp Saddles & Swing Pipe and Fittings NEW RANGE

Ideal solution for branching from existing pipelines

- Two clamp saddles ranges to meet all irrigation applications
- High-quality products
- Used for landscape irrigation needs
- Complete branching solution for sprays and rotors installations

[Page 46](#)



Clamps for Water Solutions

A core category in which NORMA has a reputation for excellence

- Multipurpose clamps: hose connections, hydrants, water filtration and more
- Durable installation in record time
- High resistance against rusting
- Easy installation

[Page 50](#)

NORMA MARLIN® PN 16

01.



NEW RANGE

QuickTight

Technology

**Speed up your water pipe installations
with QuickTight Technology!**

NORMA

- ✓ Certified for drinking water
- ✓ Faster and easier installation
- ✓ Superior leak proof connections
- ✓ Push fit installation in all sizes
- ✓ Lip-gasket technology for superior performance
- ✓ Durable materials, UV resistant

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



Clamp Saddle
Page 46

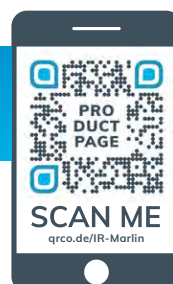


NORMA Ball Valve
Page 38

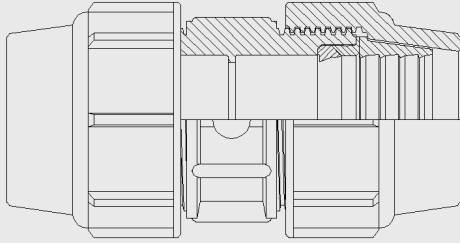


Valve Box
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**DISCOVER
MORE!**



Technical Information

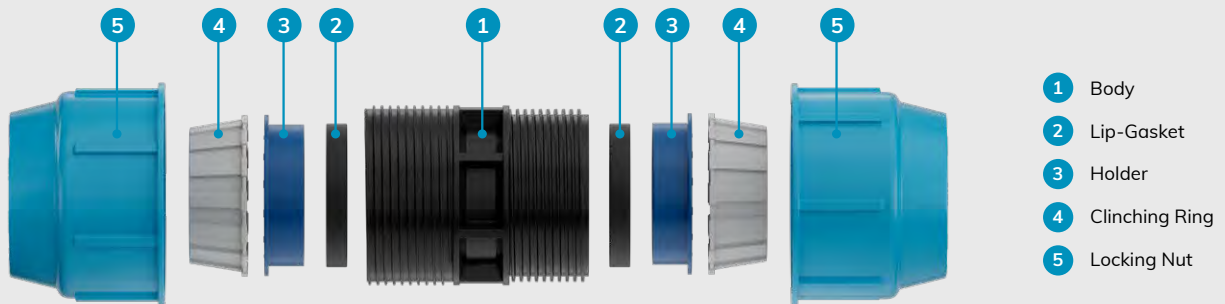


Applications

Ideally suited for connecting high- and low-density polyethylene tubing. These products are certified as compliant with international sanitary regulations for transport of drinking water according to DVGW, KIWA, ACS, WRAS and more.

Material

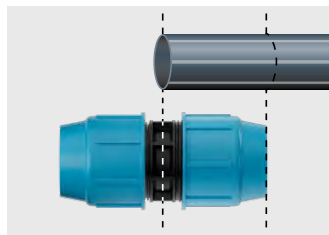
Nut	Polypropylene
Bodies	Polypropylene
Clinching Ring	POM (Acetal)
Lip-Gasket	NBR



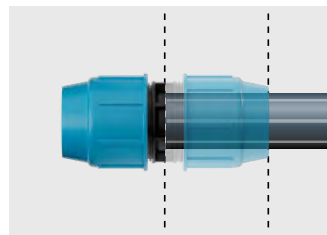
Installation Tips



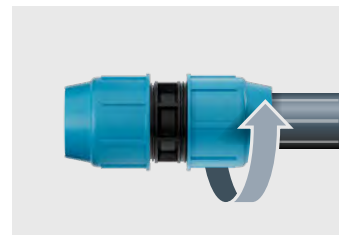
01 Unscrew the nut one or two turns or to the last thread.



02 Cut the pipe and deburr if necessary. Mark the insertion depth.



03 Push the pipe to the mark or the stop-end.



04 Screw the nut on tight. The nut can be tightened manually or using a hook tool.

NORMA MARLIN® Compression Fittings

are made in factories certified under ISO 9001:2018

according to UNI 9561-AS/NZS 4129-BRL-K17105 – DIN 8076 – ISO17885,

threads: UNI EN 10226-1 (ISO 7/1)

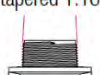


Female threads



ISO 7/1 Parallel

Male threads tapered 1:16



ISO 7/1 Conical

NORMA MARLIN® PN 16 Compression Fittings

01.

NORMA MARLIN®
Male Threaded Adaptor



Part number	Size (mm × inch)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0894 1101 001	20 × 1/2"	16	20 / 280
0894 1101 002	20 × 3/4"	16	20 / 280
0894 1101 003	20 × 1"	16	20 / 200
0894 1101 004	25 × 1/2"	16	10 / 200
0894 1101 005	25 × 3/4"	16	10 / 200
0894 1101 006	25 × 1"	16	10 / 200
0894 1101 007	32 × 3/4"	16	10 / 120
0894 1101 008	32 × 1"	16	10 / 120
0894 1101 009	32 × 1 1/4"	16	10 / 100
0894 1101 010	40 × 1"	16	- / 60
0894 1101 011	40 × 1 1/4"	16	- / 60
0894 1101 012	40 × 1 1/2"	16	- / 55
0894 1101 013	50 × 1"	16	- / 35
0894 1101 014	50 × 1 1/4"	16	- / 35
0894 1101 015	50 × 1 1/2"	16	- / 35
0894 1101 016	50 × 2"	16	- / 35
0894 1101 017	63 × 1 1/4"	16	- / 24
0894 1101 018	63 × 1 1/2"	16	- / 24
0894 1101 019	63 × 2"	16	- / 24
0894 1101 020	63 × 2 1/2"	16	- / 20
0894 1101 021	75 × 2"	16	- / 15
0894 1101 022	75 × 2 1/2"	16	- / 15
0894 1101 023	75 × 3"	16	- / 12
0894 1101 024	90 × 2"	16	- / 8
0894 1101 025	90 × 2 1/2"	16	- / 8
0894 1101 026	90 × 3"	16	- / 8
0894 1101 027	110 × 2"	16	- / 6
0894 1101 028	110 × 3"	16	- / 6
0894 1101 029	110 × 4"	16	- / 6

NORMA MARLIN®
Female Threaded Adaptor



Part number	Size (mm × inch)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0894 1102 001	20 × 1/2"	16	20 / 280
0894 1102 002	20 × 3/4"	16	20 / 240
0894 1102 003	25 × 1/2"	16	10 / 200
0894 1102 004	25 × 3/4"	16	10 / 200
0894 1102 005	25 × 1"	16	10 / 180
0894 1102 006	32 × 3/4"	16	10 / 120
0894 1102 007	32 × 1"	16	10 / 120
0894 1102 008	32 × 1 1/4"	16	10 / 100
0894 1102 009	40 × 1"	16	- / 60
0894 1102 010	40 × 1 1/4"	16	- / 60
0894 1102 011	40 × 1 1/2"	16	- / 50
0894 1102 012	50 × 1 1/4"	16	- / 35
0894 1102 013	50 × 1 1/2"	16	- / 35
0894 1102 014	50 × 2"	16	- / 35
0894 1102 015	63 × 1 1/2"	16	- / 24
0894 1102 016	63 × 2"	16	- / 24
0894 1102 017	63 × 2 1/2"	16	- / 20
0894 1102 018	75 × 2"	10	- / 15
0894 1102 019	75 × 2 1/2"	10	- / 15
0894 1102 020	75 × 3"	10	- / 12
0894 1102 021	90 × 2"	10	- / 8
0894 1102 022	90 × 2 1/2"	10	- / 8
0894 1102 023	90 × 3"	10	- / 8
0894 1102 024	110 × 2"	10	- / 6
0894 1102 025	110 × 3"	10	- / 6
0894 1102 026	110 × 4"	10	- / 6

NORMA MARLIN® PN 16 Compression Fittings

NORMA MARLIN®
Male Threaded Tee

Part number	Size (mm × inch)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0894 1103 001	20 × 1/2"	16	20 / 100
0894 1103 002	20 × 3/4"	16	20 / 100
0894 1103 003	25 × 1/2"	16	10 / 80
0894 1103 004	25 × 3/4"	16	10 / 80
0894 1103 005	25 × 1"	16	10 / 70
0894 1103 006	32 × 3/4"	16	10 / 50
0894 1103 007	32 × 1"	16	10 / 50
0894 1103 008	32 × 1 1/4"	16	10 / 40
0894 1103 009	40 × 1"	16	- / 28
0894 1103 010	40 × 1 1/4"	16	- / 28
0894 1103 011	40 × 1 1/2"	16	- / 25
0894 1103 012	50 × 1 1/4"	16	- / 18
0894 1103 013	50 × 1 1/2"	16	- / 18
0894 1103 014	50 × 2"	16	- / 15
0894 1103 015	63 × 1 1/2"	16	- / 10
0894 1103 016	63 × 2"	16	- / 10
0894 1103 017	63 × 2 1/2"	16	- / 10
0894 1103 018	75 × 2 1/2"	10	- / 6
0894 1103 019	75 × 3"	10	- / 4
0894 1103 020	90 × 3"	10	- / 7
0894 1103 021	110 × 4"	10	- / 5

NORMA MARLIN®
Female Threaded Tee

Part number	Size (mm × inch)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0894 1104 001	20 × 1/2"	16	20 / 100
0894 1104 002	20 × 3/4"	16	20 / 100
0894 1104 003	25 × 1/2"	16	10 / 80
0894 1104 004	25 × 3/4"	16	10 / 80
0894 1104 005	25 × 1"	16	10 / 80
0894 1104 006	32 × 3/4"	16	10 / 50
0894 1104 007	32 × 1"	16	10 / 50
0894 1104 008	32 × 1 1/4"	16	10 / 40
0894 1104 009	40 × 1"	16	- / 28
0894 1104 010	40 × 1 1/4"	16	- / 28
0894 1104 011	40 × 1 1/2"	16	- / 25
0894 1104 012	50 × 1 1/4"	16	- / 18
0894 1104 013	50 × 1 1/2"	16	- / 18
0894 1104 014	50 × 2"	16	- / 15
0894 1104 015	63 × 1 1/2"	16	- / 10
0894 1104 016	63 × 2"	16	- / 10
0894 1104 017	63 × 2 1/2"	10	- / 10
0894 1104 018	75 × 2"	10	- / 6
0894 1104 019	75 × 2 1/2"	10	- / 6
0894 1104 020	75 × 3"	10	- / 4
0894 1104 021	90 × 2 1/2"	10	- / 3
0894 1104 022	90 × 3"	10	- / 3
0894 1104 023	110 × 3"	10	- / 6
0894 1104 024	110 × 4"	10	- / 6



NORMA MARLIN® PN 16 Compression Fittings

01.

NORMA MARLIN®
Male Elbow 90°



Part number	Size (mm × inch)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0894 1105 001	20 × 1/2"	16	20 / 200
0894 1105 002	20 × 3/4"	16	20 / 200
0894 1105 003	25 × 1/2"	16	10 / 150
0894 1105 004	25 × 3/4"	16	10 / 150
0894 1105 005	25 × 1"	16	10 / 130
0894 1105 006	32 × 3/4"	16	10 / 90
0894 1105 007	32 × 1"	16	10 / 90
0894 1105 008	32 × 1 1/4"	16	10 / 80
0894 1105 009	40 × 1"	16	- / 45
0894 1105 010	40 × 1 1/4"	16	- / 45
0894 1105 011	40 × 1 1/2"	16	- / 40
0894 1105 012	50 × 1 1/4"	16	- / 30
0894 1105 013	50 × 1 1/2"	16	- / 30
0894 1105 014	50 × 2"	16	- / 25
0894 1105 015	63 × 1 1/2"	16	- / 17
0894 1105 016	63 × 2"	16	- / 17
0894 1105 017	63 × 2 1/2"	16	- / 15
0894 1105 018	75 × 2 1/2"	16	- / 10
0894 1105 019	75 × 3"	16	- / 10
0894 1105 020	90 × 3"	16	- / 5
0894 1105 021	90 × 4"	16	- / 5
0894 1105 022	110 × 4"	16	- / 3

NORMA MARLIN®
Female Elbow 90°



Part number	Size (mm × inch)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0894 1106 001	20 × 1/2"	16	20 / 200
0894 1106 002	20 × 3/4"	16	20 / 200
0894 1106 003	25 × 1/2"	16	10 / 150
0894 1106 004	25 × 3/4"	16	10 / 150
0894 1106 005	25 × 1"	16	10 / 130
0894 1106 006	32 × 3/4"	16	10 / 90
0894 1106 007	32 × 1"	16	10 / 90
0894 1106 008	32 × 1 1/4"	16	10 / 80
0894 1106 009	40 × 1 1/4"	16	- / 45
0894 1106 010	40 × 1 1/2"	16	- / 40
0894 1106 011	50 × 1 1/4"	16	- / 30
0894 1106 012	50 × 1 1/2"	16	- / 30
0894 1106 013	50 × 2"	16	- / 25
0894 1106 014	63 × 1 1/2"	16	- / 17
0894 1106 015	63 × 2"	16	- / 17
0894 1106 016	63 × 2 1/2"	10	- / 15
0894 1106 017	75 × 2 1/2"	10	- / 10
0894 1106 018	75 × 3"	10	- / 10
0894 1106 019	90 × 3"	10	- / 5
0894 1106 020	90 × 4"	10	- / 4
0894 1106 021	110 × 4"	10	- / 3

NORMA MARLIN® PN 16 Compression Fittings

NORMA MARLIN®
Straight Coupler

Part number	Size (mm)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0894 1107 001	20	16	20 / 160
0894 1107 002	25	16	10 / 100
0894 1107 003	32	16	10 / 60
0894 1107 004	40	16	- / 40
0894 1107 005	50	16	- / 25
0894 1107 006	63	16	- / 15
0894 1107 007	75	16	- / 8
0894 1107 008	90	16	- / 5
0894 1107 009	110	16	- / 3

NORMA MARLIN®
Equal Elbow 90°

Part number	Size (mm)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0894 1108 001	20	16	20 / 120
0894 1108 002	25	16	10 / 100
0894 1108 003	32	16	10 / 60
0894 1108 004	40	16	- / 30
0894 1108 005	50	16	- / 20
0894 1108 006	63	16	- / 12
0894 1108 007	75	16	- / 6
0894 1108 008	90	16	- / 3
0894 1108 009	110	16	- / 6

NORMA MARLIN®
Equal Tee

Part number	Size (mm)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0894 1109 001	20	16	20 / 80
0894 1109 002	25	16	10 / 60
0894 1109 003	32	16	10 / 30
0894 1109 004	40	16	- / 20
0894 1109 005	50	16	- / 12
0894 1109 006	63	16	- / 8
0894 1109 007	75	10	- / 4
0894 1109 008	90	10	- / 5
0894 1109 009	110	10	- / 4

NORMA MARLIN®
End Cap

Part number	Size (mm)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0894 1110 001	20	16	20 / 280
0894 1110 002	25	16	10 / 200
0894 1110 003	32	16	10 / 120
0894 1110 004	40	16	- / 60
0894 1110 005	50	16	- / 40
0894 1110 006	63	16	- / 24
0894 1110 007	75	16	- / 15
0894 1110 008	90	16	- / 9
0894 1110 009	110	16	- / 6



NORMA MARLIN® PN 16 Compression Fittings

01.

NORMA MARLIN® Reducing Coupler



Part number	Size (mm × mm)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0894 1111 001	25 × 20	16	10 / 120
0894 1111 002	32 × 20	16	10 / 80
0894 1111 003	32 × 25	16	10 / 80
0894 1111 004	40 × 25	16	- / 45
0894 1111 005	40 × 32	16	- / 40
0894 1111 006	50 × 32	16	- / 30
0894 1111 007	50 × 40	16	- / 30
0894 1111 008	63 × 25	16	- / 20
0894 1111 009	63 × 32	16	- / 20
0894 1111 010	63 × 40	16	- / 15
0894 1111 011	63 × 50	16	- / 15
0894 1111 012	75 × 50	16	- / 12
0894 1111 013	75 × 63	16	- / 8
0894 1111 014	90 × 63	16	- / 6
0894 1111 015	90 × 75	16	- / 6
0894 1111 016	110 × 63	16	- / 4
0894 1111 017	110 × 75	16	- / 4
0894 1111 018	110 × 90	16	- / 3

NORMA MARLIN® Reducing Tee



Part number	Size (mm × mm)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0894 1112 001	25 × 20	16	10 / 60
0894 1112 002	32 × 25	16	10 / 40
0894 1112 003	40 × 32	16	- / 21
0894 1112 004	50 × 32	16	- / 14
0894 1112 005	50 × 40	16	- / 14
0894 1112 006	63 × 32	16	- / 8
0894 1112 007	63 × 50	16	- / 8
0894 1112 008	75 × 63	16	- / 4
0894 1112 009	90 × 75	10	- / 5
0894 1112 010	110 × 90	10	- / 4

NORMA MARLIN® Flange Adaptor



Part number	Size (mm × DN)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0894 1113 001	50 × DN40	16	- / 20
0894 1113 002	63 × DN50	16	- / 15
0894 1113 003	75 × DN65	16	- / 8
0894 1113 004	90 × DN80	16	- / 5

NORMA MARLIN® Equal Elbow 90° with Central Female Thread



Part number	Size (mm × inch)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0894 1114 001	25 × 1/2"	16	10 / 100
0894 1114 002	32 × 3/4"	16	10 / 60

NORMA MARLIN® PN 16 Compression Fittings

NORMA MARLIN®
Wall Plate Elbow

Part number	Size (mm × inch)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0894 1115 001	20 × 1/2"	16	20 / 160
0894 1115 002	25 × 1/2"	16	10 / 100
0894 1115 003	25 × 3/4"	16	10 / 100
0894 1115 004	32 × 1"	16	10 / 60

NORMA MARLIN®
Male Brass Threaded Adaptor

Part number	Size (mm × inch)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0894 1116 001	20 × 1/2"	16	5 / 80
0894 1116 002	25 × 3/4"	16	5 / 65
0894 1116 003	32 × 1"	16	5 / 35
0894 1116 004	32 × 1 1/4"	16	5 / 35

NORMA MARLIN®
Female Brass Threaded
Adaptor

Part number	Size (mm × inch)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0894 1117 001	20 × 1/2"	16	5 / 80
0894 1117 002	25 × 3/4"	16	5 / 65
0894 1117 003	32 × 1"	16	5 / 35

NORMA MARLIN®
Male Brass Threaded
Elbow 90°

Part number	Size (mm × inch)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0894 1118 001	20 × 1/2"	16	5 / 80
0894 1118 002	25 × 3/4"	16	5 / 55
0894 1118 003	32 × 1"	16	5 / 35

NORMA MARLIN®
Female Brass Threaded
Elbow 90°

Part number	Size (mm × inch)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0894 1119 001	20 × 1/2"	16	5 / 80
0894 1119 002	25 × 3/4"	16	5 / 55
0894 1119 003	32 × 1"	16	5 / 35

NORMA MARLIN®
Compression Manual Valve

Part number	Size (mm)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0894 1120 001	20	10	- / 60
0894 1120 002	25	10	- / 40
0894 1120 003	32	10	- / 30



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 56](#)

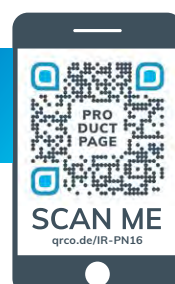


Smart-Loc™ Fitting
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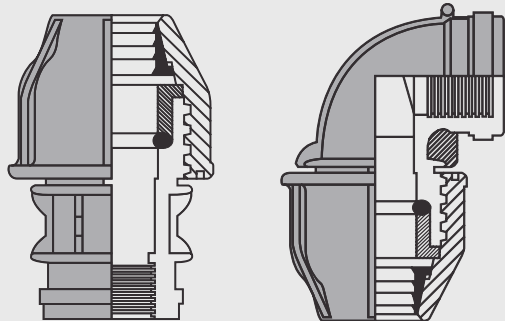


NORMA Ball Valve
[Page 38](#)

DISCOVER
MORE!



Technical Information

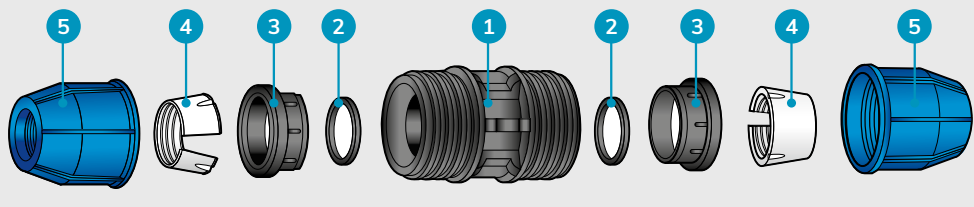


Applications

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

Material

Body	Polypropylene	Working pressure: 16 bar (PN 16) up to Ø 63 mm and 12.5 bar for Ø larger than 63 mm.
O-Ring	NBR	
Holder	Polypropylene	
Clinching Ring	POM (Acetal)	
Locking Nut	Polypropylene	

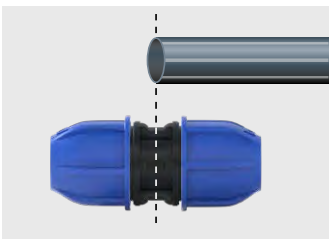


- 1 Body
- 2 O-Ring
- 3 Holder
- 4 Clinching Ring
- 5 Locking Nut

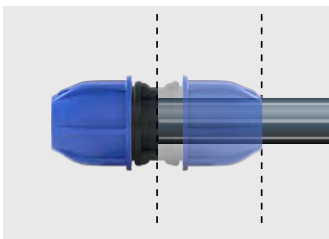
Installation Tips



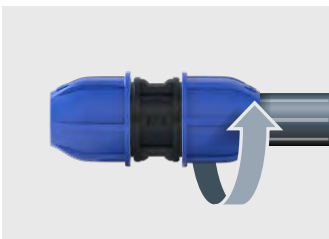
01 Unscrew the nut one or two turns or to the last thread.



02 Cut the pipe and deburr if necessary. Mark the insertion depth.



03 Push the pipe to the mark or the stop-end.



04 Screw the nut on tight. The nut can be tightened manually or using a hook tool.

IRRIGATION JOINING SOLUTIONS

NORMA PN 16 Compression Fittings

01.

**NORMA PN 16
Male Threaded Adaptor**



Part number	Size (mm × inch)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0796 2601 111	16 × 1/2"	16	10 / 800
0796 2601 112	16 × 3/4"	16	10 / 800
0796 2651 118	20 × 1/2"	16	10 / 400
0796 2651 120	20 × 3/4"	16	10 / 400
0796 2651 117	20 × 1"	16	10 / 400
0796 2651 121	25 × 1/2"	16	10 / 250
0796 2651 122	25 × 3/4"	16	10 / 250
0796 2651 124	25 × 1"	16	10 / 250
0796 2651 126	32 × 1/2"	16	10 / 160
0796 2651 127	32 × 3/4"	16	10 / 160
0796 2651 128	32 × 1"	16	10 / 160
0796 2651 130	32 × 1 1/4"	16	10 / 160
0796 2651 131	40 × 3/4"	16	20 / 100
0796 2651 132	40 × 1"	16	20 / 100
0796 2651 133	40 × 1 1/4"	16	20 / 100
0796 2651 134	40 × 1 1/2"	16	20 / 100
0796 2651 135	50 × 1 1/4"	16	10 / 50
0796 2651 136	50 × 1 1/2"	16	10 / 50
0796 2651 137	50 × 2"	16	10 / 50
0796 2651 138	63 × 1 1/2"	16	8 / 32
0796 2651 139	63 × 2"	16	8 / 32
0796 2640 310	75 × 2"	12.5	1 / 25
0796 2640 311	75 × 2 1/2"	12.5	1 / 25
0796 2640 312	90 × 3"	12.5	1 / 16
0796 2640 313	110 × 4"	12.5	1 / 8

**NORMA PN 16
Female Threaded Adaptor**



Part number	Size (mm × inch)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0796 2602 111	16 × 1/2"	16	10 / 800
0796 2602 112	16 × 3/4"	16	10 / 800
0796 2651 018	20 × 1/2"	16	10 / 400
0796 2651 020	20 × 3/4"	16	10 / 400
0796 2651 022	25 × 1/2"	16	10 / 250
0796 2651 025	25 × 3/4"	16	10 / 250
0796 2651 028	25 × 1"	16	10 / 250
0796 2651 030	32 × 3/4"	16	10 / 160
0796 2651 033	32 × 1"	16	10 / 160
0796 2651 035	32 × 1 1/4"	16	10 / 160
0796 2651 037	40 × 1"	16	20 / 100
0796 2651 039	40 × 1 1/4"	16	20 / 100
0796 2651 041	40 × 1 1/2"	16	20 / 100
0796 2651 043	50 × 1 1/2"	16	10 / 50
0796 2651 045	50 × 2"	16	10 / 50
0796 2651 047	63 × 1 1/2"	16	8 / 32
0796 2651 049	63 × 2"	16	8 / 32
0796 2640 291	75 × 2"	12.5	1 / 25
0796 2640 293	75 × 2 1/2"	12.5	1 / 25
0796 2640 295	90 × 3"	12.5	1 / 16
0796 2640 297	110 × 4"	12.5	1 / 8

NORMA PN 16 Compression Fittings

NORMA PN 16
Male Threaded Tee

Part number	Size (mm × inch)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0796 2603 111	16 × 1/2"	16	10 / 400
0796 2603 112	216 × 3/4"	16	10 / 400
0796 2651 154	20 × 1/2"	16	10 / 160
0796 2651 155	20 × 3/4"	16	10 / 160
0796 2651 156	25 × 1/2"	16	10 / 100
0796 2651 157	25 × 3/4"	16	10 / 100
0796 2651 158	25 × 1"	16	10 / 100
0796 2651 159	32 × 3/4"	16	10 / 70
0796 2651 160	32 × 1"	16	10 / 70
0796 2651 161	40 × 1"	16	8 / 32
0796 2651 162	40 × 1 1/4"	16	8 / 32
0796 2651 163	50 × 1 1/4"	16	6 / 24
0796 2651 164	50 × 1 1/2"	16	6 / 24
0796 2651 165	63 × 2"	16	1 / 15
0796 2640 318	75 × 2"	12.5	1 / 10
0796 2640 319	75 × 2 1/2"	12.5	1 / 10
0796 2640 320	90 × 3"	12.5	1 / 6
0796 2640 321	110 × 4"	12.5	1 / 3

NORMA PN 16
Female Threaded Tee

Part number	Size (mm × inch)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0796 2604 111	16 × 1/2"	16	10 / 350
0796 2604 112	16 × 3/4"	16	10 / 350
0796 2651 088	20 × 1/2"	16	10 / 160
0796 2651 090	20 × 3/4"	16	10 / 160
0796 2651 092	25 × 1/2"	16	10 / 100
0796 2651 094	25 × 3/4"	16	10 / 100
0796 2651 096	25 × 1"	16	10 / 100
0796 2651 098	32 × 3/4"	16	10 / 70
0796 2651 100	32 × 1"	16	10 / 70
0796 2651 102	32 × 1 1/4"	16	10 / 70
0796 2651 104	40 × 1"	16	8 / 32
0796 2651 106	40 × 1 1/4"	16	8 / 32
0796 2651 108	40 × 1 1/2"	16	8 / 32
0796 2651 110	50 × 1 1/2"	16	6 / 24
0796 2651 112	50 × 2"	16	6 / 24
0796 2651 114	63 × 1 1/2"	16	1 / 15
0796 2651 116	63 × 2"	16	1 / 15
0796 2640 305	75 × 2 1/2"	12.5	1 / 10
0796 2640 307	90 × 3"	12.5	1 / 6
0796 2640 309	110 × 4"	12.5	1 / 3

IRRIGATION JOINING SOLUTIONS

NORMA PN 16 Compression Fittings

01.

NORMA PN 16
Male Threaded Elbow 90°



Part number	Size (mm × inch)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0796 2605 111	16 × 1/2"	16	10 / 600
0796 2605 112	16 × 3/4"	16	10 / 600
0796 2651 140	20 × 1/2"	16	10 / 300
0796 2651 141	20 × 3/4"	16	10 / 300
0796 2651 142	25 × 1/2"	16	10 / 200
0796 2651 143	25 × 3/4"	16	10 / 200
0796 2651 144	25 × 1"	16	10 / 200
0796 2651 145	32 × 3/4"	16	10 / 120
0796 2651 146	32 × 1"	16	10 / 120
0796 2651 147	40 × 1"	16	16 / 64
0796 2651 148	40 × 1 1/4"	16	16 / 64
0796 2651 149	40 × 1 1/2"	16	16 / 64
0796 2651 150	50 × 1 1/4"	16	10 / 40
0796 2651 151	50 × 1 1/2"	16	10 / 40
0796 2651 152	50 × 2"	16	10 / 40
0796 2651 153	63 × 2"	16	6 / 24
0796 2640 314	75 × 2"	12.5	1 / 16
0796 2640 315	75 × 2 1/2"	12.5	1 / 16
0796 2640 316	90 × 3"	12.5	1 / 10
0796 2640 317	110 × 4"	12.5	1 / 6

NORMA PN 16
Female Threaded Elbow 90°



Part number	Size (mm × inch)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0796 2606 111	16 × 1/2"	16	10 / 600
0796 2606 112	16 × 3/4"	16	10 / 600
0796 2651 051	20 × 1/2"	16	10 / 300
0796 2651 054	20 × 3/4"	16	10 / 300
0796 2651 056	25 × 1/2"	16	10 / 200
0796 2651 059	25 × 3/4"	16	10 / 200
0796 2651 061	25 × 1"	16	10 / 200
0796 2651 063	32 × 1/2"	16	10 / 120
0796 2651 065	32 × 3/4"	16	10 / 120
0796 2651 068	32 × 1"	16	10 / 120
0796 2651 070	32 × 1 1/4"	16	10 / 120
0796 2651 072	40 × 1"	16	16 / 64
0796 2651 074	40 × 1 1/4"	16	16 / 64
0796 2651 076	40 × 1 1/2"	16	16 / 64
0796 2651 078	50 × 1 1/4"	16	10 / 40
0796 2651 080	50 × 1 1/2"	16	10 / 40
0796 2651 082	50 × 2"	16	10 / 40
0796 2651 084	63 × 1 1/2"	16	6 / 24
0796 2651 086	63 × 2"	16	6 / 24
0796 2640 299	75 × 2 1/2"	12.5	1 / 16
0796 2640 301	90 × 3"	12.5	1 / 10
0796 2640 303	110 × 4"	12.5	1 / 6

NORMA PN 16 Compression Fittings

NORMA PN 16
Straight Coupler

Part number	Size (mm)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0796 2607 111	16	16	10 / 500
0796 2651 191	20	16	10 / 250
0796 2651 192	25	16	10 / 150
0796 2651 193	32	16	10 / 100
0796 2651 194	40	16	10 / 50
0796 2651 195	50	16	8 / 32
0796 2651 196	63	16	1 / 20
0796 2640 334	75	12.5	1 / 14
0796 2640 335	90	12.5	1 / 12
0796 2640 336	110	12.5	1 / 5

NORMA PN 16
Equal Elbow 90°

Part number	Size (mm)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0796 2608 111	16	16	10 / 500
0796 2650 998	20	16	10 / 250
0796 2650 999	25	16	10 / 150
0796 2651 000	32	16	10 / 80
0796 2651 001	40	16	10 / 50
0796 2651 002	50	16	8 / 32
0796 2651 003	63	16	5 / 15
0796 2640 281	75	12.5	1 / 12
0796 2640 282	90	12.5	1 / 8
0796 2640 283	110	12.5	1 / 4

NORMA PN 16
Equal Tee

Part number	Size (mm)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0796 2609 111	16	16	10 / 300
0796 2651 010	20	16	10 / 150
0796 2651 011	25	16	10 / 100
0796 2651 012	32	16	10 / 50
0796 2651 013	40	16	8 / 32
0796 2651 014	50	16	5 / 20
0796 2651 015	63	16	1 / 12
0796 2640 287	75	12.5	1 / 8
0796 2640 288	90	12.5	1 / 5
0796 2640 289	110	12.5	1 / 3

NORMA PN 16
End Cap

Part number	Size (mm)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0796 2610 111	16	16	10 / 1000
0796 2651 004	20	16	10 / 400
0796 2651 005	25	16	10 / 250
0796 2651 006	32	16	10 / 160
0796 2651 007	40	16	20 / 100
0796 2651 008	50	16	10 / 50
0796 2651 009	63	16	8 / 32
0796 2640 284	75	12.5	1 / 25
0796 2640 285	90	12.5	1 / 16
0796 2640 286	110	12.5	1 / 8

NORMA PN 16 Compression Fittings

01.

NORMA PN 16 Reducing Coupler



Part number	Size (mm × mm)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0796 2611 111	20 × 16	16	10 / 400
0796 2651 166	25 × 20	16	10 / 200
0796 2651 167	32 × 20	16	10 / 120
0796 2651 168	32 × 25	16	10 / 120
0796 2651 169	40 × 20	16	15 / 60
0796 2651 170	40 × 25	16	15 / 60
0796 2651 171	40 × 32	16	15 / 60
0796 2651 172	50 × 20	16	10 / 50
0796 2651 173	50 × 25	16	10 / 50
0796 2651 174	50 × 32	16	10 / 50
0796 2651 175	50 × 40	16	8 / 32
0796 2651 176	63 × 25	16	6 / 30
0796 2651 177	63 × 32	16	6 / 30
0796 2651 178	63 × 40	16	6 / 24
0796 2651 179	63 × 50	16	6 / 24
0796 2640 322	75 × 40	12.5	1 / 16
0796 2640 323	75 × 50	12.5	1 / 16
0796 2640 324	75 × 63	12.5	1 / 16
0796 2640 325	90 × 63	12.5	1 / 12
0796 2640 326	90 × 75	12.5	1 / 12
0796 2640 327	110 × 90	12.5	1 / 6

NORMA PN 16 Reducing Tee



Part number	Size (mm × mm)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0796 2651 180	25 × 20	16	10 / 100
0796 2651 181	32 × 20	16	10 / 70
0796 2651 182	32 × 25	16	10 / 70
0796 2651 183	40 × 25	16	8 / 32
0796 2651 184	40 × 32	16	8 / 32
0796 2651 185	50 × 25	16	6 / 24
0796 2651 186	50 × 32	16	6 / 24
0796 2651 187	50 × 40	16	5 / 20
0796 2651 188	63 × 32	16	1 / 15
0796 2651 189	63 × 40	16	1 / 15
0796 2651 190	63 × 50	16	1 / 12
0796 2640 328	75 × 40	12.5	1 / 8
0796 2640 329	75 × 50	12.5	1 / 8
0796 2640 330	75 × 63	12.5	1 / 8
0796 2640 331	90 × 63	12.5	1 / 6
0796 2640 332	90 × 75	12.5	1 / 6
0796 2640 333	110 × 90	12.5	1 / 3

NORMA PN 16 Flange Adaptor



Part number	Size (mm × DN)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0796 2600 016	63 × 50DN	16	1 / 20
0796 2600 017	90 × 80DN	12.5	1 / 9
0796 2600 018	110 × 100DN	12.5	1 / 6

NORMA PN 16 Equal Elbow 90° with Central Female Thread



Part number	Size (mm × inch)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0796 2030 181	20 × 1/2"	16	10 / 200
0796 2030 182	25 × 1/2"	16	10 / 120
0796 2030 183	32 × 3/4"	16	10 / 80

**NORMA PN 16
Wall Plate Elbow**


Part number	Size (mm × inch)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0796 2030 360	25 × 3/4"	16	10 / 150

**NORMA PN 16
Male Brass Threaded Adaptor**


Part number	Size (mm × inch)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0796 2651 119	20 × 1/2"	16	10 / 400
0796 2651 123	25 × 3/4"	16	10 / 200
0796 2651 125	25 × 1"	16	10 / 200
0796 2651 129	32 × 1"	16	10 / 120

**NORMA PN 16
Female Brass Threaded
Adaptor**


Part number	Size (mm × inch)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0796 2651 017	20 × 1/2"	16	10 / 400
0796 2651 024	25 × 3/4"	16	10 / 200
0796 2651 027	25 × 1"	16	10 / 200
0796 2651 032	32 × 1"	16	10 / 120

**NORMA PN 16
Female Brass Threaded
Elbow 90°**


Part number	Size (mm × inch)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0796 2651 053	20 × 3/4"	16	10 / 300
0796 2651 058	25 × 3/4"	16	10 / 200
0796 2651 067	32 × 1"	16	10 / 120

Under Pressure Tapping Ferrule with Cutter

Tapping Ferrule is the easiest way to tap water pipes and get a pressurized water exit.

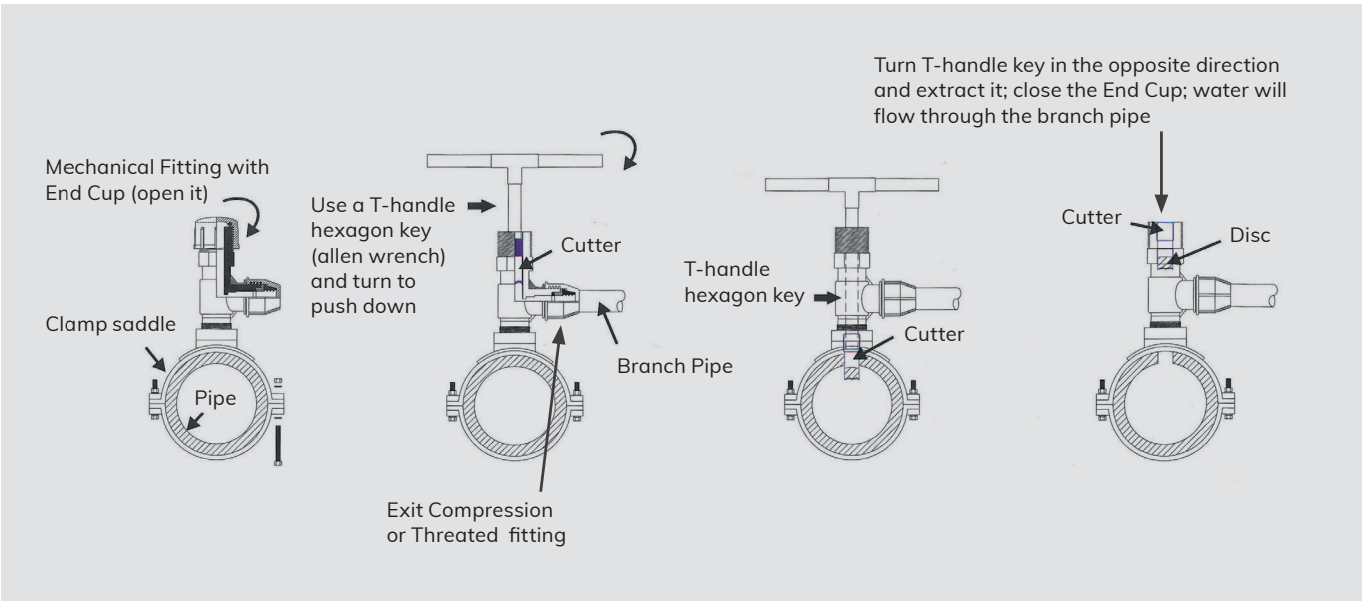
- ☒ Cutter included to self-cut the pipe
- ☒ Cap for security of the pressurized exit
- ☒ Connect with a clamp saddle to create a water outlet
- ☒ Choose between threaded and compression joint outlets

NORMA Under Pressure Tappig Ferrule with Cutter

NORMA Tapping Ferrule with Compression Joint Outlet			
			
Part number	Size (inch × mm)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0796 2698 019	1" × 20	16	10 / 80
0796 2698 020	1" × 25	16	10 / 80
0796 2698 021	1" × 32	16	10 / 80
0796 2698 022	1 1/4" × 20	16	10 / 80
0796 2698 023	1 1/4" × 25	16	10 / 80
0796 2698 024	1 1/4" × 32	16	10 / 80

NORMA Tapping Ferrule with Threaded Outlet			
			
Part number	Size (inch × inch)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0796 2698 025	1" × 3/4"	16	10 / 80
0796 2698 026	1" × 1"	16	10 / 80
0796 2698 027	1 1/4" × 3/4"	16	10 / 80
0796 2698 028	1 1/4" × 1"	16	10 / 80

Tapping Ferrule Installation Guidelines





NORMA Telescopic Compression Fittings

01.



Speed up the process of repairing a broken pipe!



- ✓ Ideal connection for repairing and taping into a PE pipe
- ✓ No additional components required for fixing the pipe
- ✓ UV stabilized to perform even in harsh sunny conditions
- ✓ Dual O-rings are used to ensure leakage-free connections
- ✓ Extensible telescopic function for easy and fast repair
- ✓ Innovative solution

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



NORMA Ball Valve
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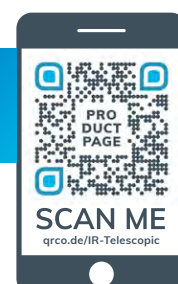


NORMA PN 16
Page 16

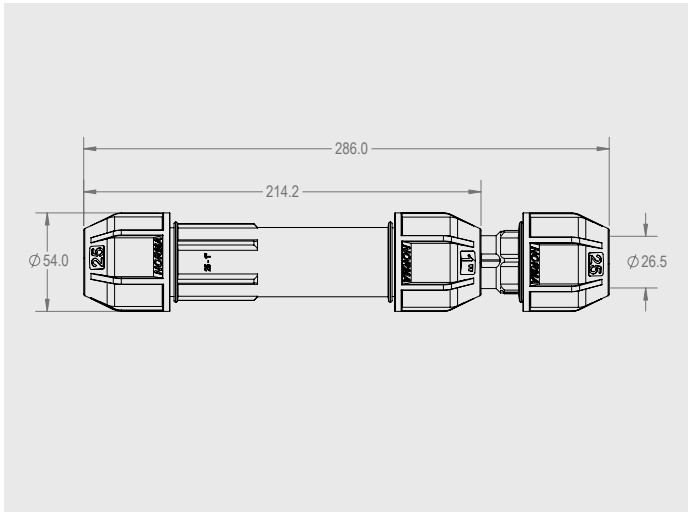


Valve Box
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DISCOVER
MORE!



Technical Information



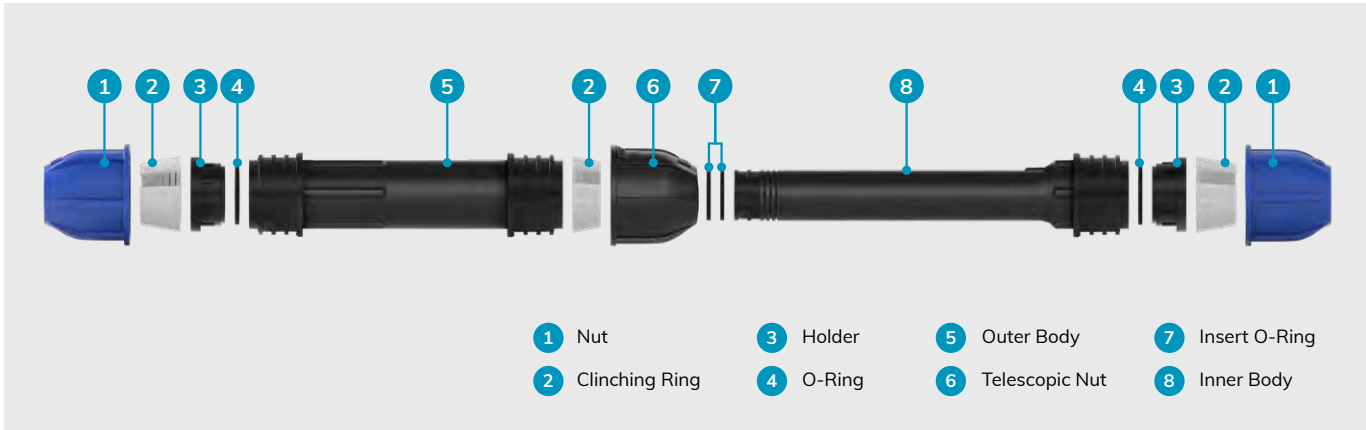
Applications

For repairing broken pipe sections while reducing the physical labour involved.

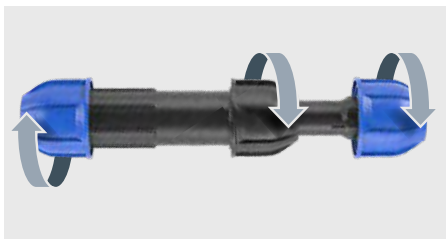
Material

Working pressure: 12.5 bar

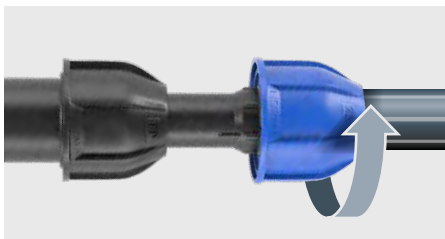
Nut	Polyethylene	Outer Body	Polyethylene
Clinching Ring	POM (Acetal)	Telescopic Nut	Polyethylene
Holder	Polyethylene	Insert O-Ring	Nitrile Butadiene Rubber (NBR)
O-Ring	Nitrile Butadiene Rubber (NBR)	Inner Body	Polyethylene



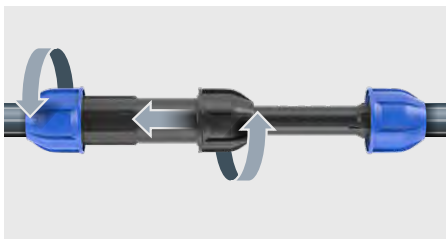
Installation Tips



01 Cut the pipe as per the cut template. Unscrew all nuts to the last thread. Pull the O-rings into the relaxed position.



02 Slide the fitting over the pipe to the maximum insertion depth and tighten the nut.



03 Slide the outer body of the fitting to the maximum insertion depth until it extends over the pipe and tighten the blue nut. Tighten the black nut.

Installation Measures Information

Pipe Outer $\varnothing$ (mm)	25	32	40	50
Maximum Pipe Cut-out Length (mm)	265	315	350	390
Pipe Insertion Depth (mm)	65	70	80	90

NORMA Telescopic Compression Fittings

01.

NORMA Telescopic Straight Coupler



Part number	Size (mm)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0796 2660 001	25	12.5	5 / 60
0796 2660 002	32	12.5	3 / 39
0796 2660 003	40	12.5	2 / 24
0796 2660 004	50	12.5	2 / 12

NORMA Telescopic Male Threaded Adaptor



Part number	Size (mm × inch)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0796 2660 005	25 × 1"	12.5	5 / 60
0796 2660 006	32 × 1 1/4"	12.5	3 / 39
0796 2660 007	40 × 1 1/2"	12.5	2 / 24
0796 2660 008	50 × 2	12.5	2 / 10

NORMA Telescopic Equal Tee



Part number	Size (mm)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0796 2660 009	25	12.5	2 / 30
0796 2660 010	32	12.5	2 / 20
0796 2660 011	40	12.5	1 / 20
0796 2660 012	50	12.5	1 / 12

NORMA Telescopic Male Threaded Tee



Part number	Size (mm × inch)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0796 2660 013	25 × 1"	12.5	2 / 60
0796 2660 014	32 × 1 1/4"	12.5	2 / 40
0796 2660 015	40 × 1 1/2"	12.5	1 / 20
0796 2660 016	50 × 2	12.5	1 / 12



NORMA PN 10

01.



Cost-competitive high-quality compression fittings for your needs



- ✓ No special tooling required
- ✓ 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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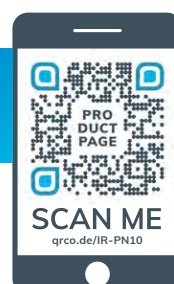


Valve Box
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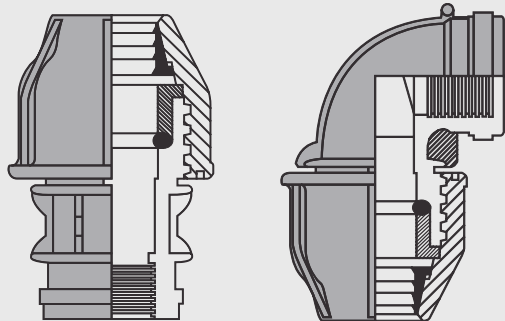


NORMA Ball Valve
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DISCOVER
MORE!



Technical Information

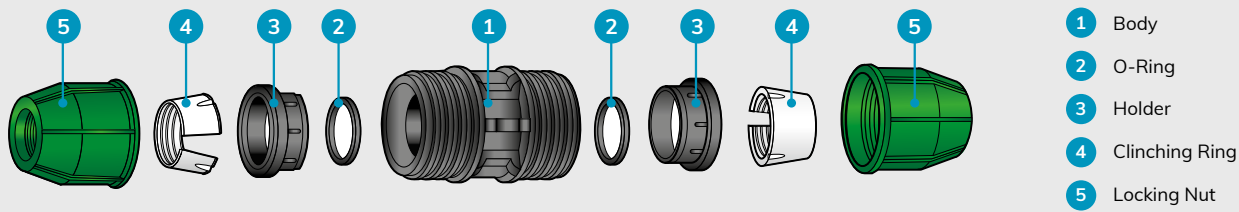


Applications

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

Material

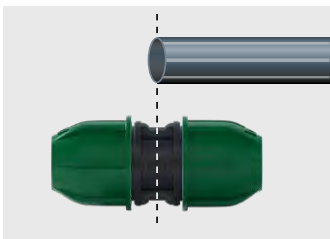
Body	Polypropylene	Working pressure: 10 bar (PN 10).
O-Ring	NBR	
Holder	Polypropylene	
Clinching Ring	POM (Acetal)	
Locking Nut	Polypropylene	



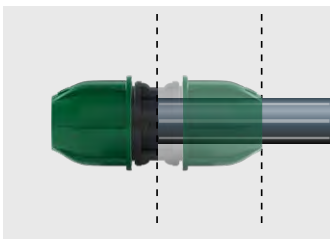
Installation Tips



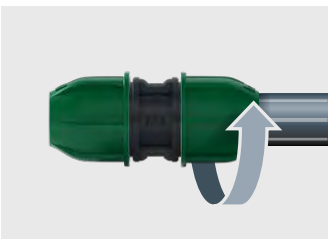
01 Unscrew the nut one or two turns or to the last thread.



02 Cut the pipe and deburr if necessary. Mark the insertion depth.



03 Push the pipe to the mark or the stop-end.



04 Screw the nut on tight. The nut can be tightened manually or using a hook tool.

NORMA PN 10 Compression Fittings

01.

NORMA PN 10 Male
Threaded Adaptor

Part number	Size (mm × inch)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0796 2103 388	16 × 1/2"	10	200 / 800
0796 2103 389	16 × 3/4"	10	200 / 800
0796 2103 390	20 × 1/2"	10	100 / 500
0796 2103 391	20 × 3/4"	10	100 / 500
0796 2103 394	25 × 1/2"	10	50 / 300
0796 2103 392	25 × 3/4"	10	50 / 300
0796 2103 393	25 × 1"	10	50 / 300
0796 2103 397	32 × 1/2"	10	40 / 200
0796 2103 395	32 × 3/4"	10	40 / 200
0796 2103 396	32 × 1"	10	40 / 200
0796 2103 398	40 × 1"	10	20 / 100
0796 2103 400	40 × 1 1/4"	10	20 / 100
0796 2103 399	40 × 1 1/2"	10	20 / 100
0796 2103 402	50 × 1 1/4"	10	10 / 60
0796 2103 401	50 × 1 1/2"	10	10 / 60
0796 2103 403	50 × 2"	10	10 / 60
0796 2103 404	63 × 1 1/2"	10	8 / 40
0796 2103 405	63 × 2"	10	8 / 40
0796 2103 406	75 × 2"	10	1 / 25
0796 2103 407	75 × 2 1/2"	10	1 / 25
0796 2103 408	90 × 3"	10	1 / 16

NORMA PN 10 Female
Threaded Adaptor

Part number	Size (mm × inch)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0796 2103 354	16 × 1/2"	10	200 / 600
0796 2103 355	16 × 3/4"	10	200 / 600
0796 2103 356	20 × 1/2"	10	100 / 500
0796 2103 357	20 × 3/4"	10	100 / 500
0796 2103 360	25 × 1/2"	10	50 / 300
0796 2103 358	25 × 3/4"	10	50 / 300
0796 2103 359	25 × 1"	10	50 / 300
0796 2103 362	32 × 3/4"	10	40 / 200
0796 2103 361	32 × 1"	10	40 / 200
0796 2103 363	40 × 1"	10	20 / 100
0796 2103 365	40 × 1 1/4"	10	20 / 100
0796 2103 364	40 × 1 1/2"	10	20 / 100
0796 2103 311	50 × 1 1/2"	10	10 / 60
0796 2103 312	63 × 2"	10	8 / 40
0796 2103 313	75 × 2"	10	1 / 25
0796 2103 314	75 × 2 1/2"	10	1 / 25
0796 2103 315	90 × 3"	10	1 / 16

NORMA PN 10 Compression Fittings

NORMA PN 10 Male
Threaded Tee

Part number	Size (mm × inch)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0796 2103 428	16 × 1/2"	10	50 / 400
0796 2103 429	16 × 3/4"	10	50 / 400
0796 2103 430	20 × 1/2"	10	40 / 240
0796 2103 431	20 × 3/4"	10	40 / 240
0796 2103 434	25 × 1/2"	10	25 / 125
0796 2103 432	25 × 3/4"	10	25 / 125
0796 2103 433	25 × 1"	10	25 / 125
0796 2103 436	32 × 3/4"	10	15 / 90
0796 2103 435	32 × 1"	10	15 / 90
0796 2103 437	40 × 1"	10	8 / 48
0796 2103 438	40 × 1 1/4"	10	8 / 48
0796 2103 440	50 × 1 1/4"	10	6 / 30
0796 2103 439	50 × 1 1/2"	10	6 / 30
0796 2103 441	63 × 2"	10	1 / 20
0796 2103 442	75 × 2"	10	1 / 10
0796 2103 443	75 × 2 1/2"	10	1 / 10
0796 2103 444	90 × 3"	10	1 / 6

NORMA PN 10 Female
Threaded Tee

Part number	Size (mm × inch)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0796 2103 377	16 × 1/2"	10	50 / 350
0796 2103 378	16 × 3/4"	10	50 / 350
0796 2103 379	20 × 1/2"	10	40 / 240
0796 2103 380	20 × 3/4"	10	40 / 240
0796 2103 383	25 × 1/2"	10	25 / 125
0796 2103 381	25 × 3/4"	10	25 / 125
0796 2103 382	25 × 1"	10	25 / 125
0796 2103 385	32 × 3/4"	10	15 / 90
0796 2103 384	32 × 1"	10	15 / 90
0796 2103 386	40 × 1"	10	8 / 48
0796 2103 387	40 × 1 1/4"	10	8 / 48
0796 2103 320	50 × 1 1/2"	10	6 / 30
0796 2103 321	63 × 2"	10	1 / 20
0796 2103 322	75 × 2 1/2"	10	1 / 10
0796 2103 323	90 × 3"	10	1 / 6

NORMA PN 10 Compression Fittings

01.

**NORMA PN 10 Male
Threaded Elbow 90°**



Part number	Size (mm × inch)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0796 2103 409	16 × 1/2"	10	100 / 600
0796 2103 410	16 × 3/4"	10	100 / 600
0796 2103 411	20 × 1/2"	10	50 / 400
0796 2103 412	20 × 3/4"	10	50 / 400
0796 2103 415	25 × 1/2"	10	50 / 250
0796 2103 413	25 × 3/4"	10	50 / 250
0796 2103 414	25 × 1"	10	50 / 250
0796 2103 417	32 × 3/4"	10	30 / 150
0796 2103 416	32 × 1"	10	30 / 150
0796 2103 418	40 × 1"	10	16 / 80
0796 2103 420	40 × 1 1/4"	10	16 / 80
0796 2103 419	40 × 1 1/2"	10	16 / 80
0796 2103 422	50 × 1 1/4"	10	10 / 50
0796 2103 421	50 × 1 1/2"	10	10 / 50
0796 2103 423	50 × 2"	10	10 / 50
0796 2103 424	63 × 2"	10	6 / 36
0796 2103 425	75 × 2"	10	1 / 16
0796 2103 426	75 × 2 1/2"	10	1 / 16
0796 2103 427	90 × 3"	10	1 / 10

**NORMA PN 10 Female
Threaded Elbow 90°**



Part number	Size (mm × inch)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0796 2103 366	16 × 1/2"	10	100 / 600
0796 2103 367	16 × 3/4"	10	100 / 600
0796 2103 368	20 × 1/2"	10	50 / 400
0796 2103 369	20 × 3/4"	10	50 / 400
0796 2103 372	25 × 1/2"	10	50 / 250
0796 2103 370	25 × 3/4"	10	50 / 250
0796 2103 371	25 × 1"	10	50 / 250
0796 2103 374	32 × 3/4"	10	30 / 150
0796 2103 373	32 × 1"	10	30 / 150
0796 2103 375	40 × 1"	10	16 / 80
0796 2103 376	40 × 1 1/4"	10	16 / 80
0796 2103 316	50 × 1 1/2"	10	10 / 50
0796 2103 317	63 × 2"	10	6 / 36
0796 2103 318	75 × 2 1/2"	10	1 / 16
0796 2103 319	90 × 3"	10	1 / 10

NORMA PN 10 Compression Fittings

NORMA PN 10 Straight Coupler



Part number	Size (mm)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0796 2103 490	16	10	100 / 500
0796 2103 491	20	10	50 / 300
0796 2103 492	25	10	30 / 210
0796 2103 493	32	10	20 / 120
0796 2103 494	40	10	10 / 60
0796 2103 495	50	10	8 / 40
0796 2103 496	63	10	1 / 30
0796 2103 497	75	10	1 / 14
0796 2103 498	90	10	1 / 12

NORMA PN 10 Equal Elbow 90°



Part number	Size (mm)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0796 2103 327	16	10	100 / 500
0796 2103 328	20	10	50 / 300
0796 2103 329	25	10	30 / 180
0796 2103 330	32	10	20 / 100
0796 2103 331	40	10	10 / 50
0796 2103 332	50	10	8 / 32
0796 2103 333	63	10	1 / 20
0796 2103 334	75	10	1 / 12
0796 2103 335	90	10	1 / 8

NORMA PN 10 Equal Tee



Part number	Size (mm)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0796 2103 345	16	10	50 / 300
0796 2103 346	20	10	30 / 180
0796 2103 347	25	10	20 / 100
0796 2103 348	32	10	10 / 70
0796 2103 349	40	10	8 / 32
0796 2103 350	50	10	5 / 20
0796 2103 351	63	10	1 / 15
0796 2103 352	75	10	1 / 8
0796 2103 353	90	10	1 / 5

NORMA PN 10 End Cap



Part number	Size (mm)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0796 2103 336	16	10	200 / 1000
0796 2103 337	20	10	100 / 600
0796 2103 338	25	10	50 / 350
0796 2103 339	32	10	40 / 240
0796 2103 340	40	10	20 / 120
0796 2103 341	50	10	20 / 60
0796 2103 342	63	10	8 / 48
0796 2103 343	75	10	1 / 25
0796 2103 344	90	10	1 / 16

NORMA PN 10 Compression Fittings

01.

NORMA PN 10 Reducing Coupler



Part number	Size (mm × mm)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0796 2103 454	20 × 16	10	100 / 400
0796 2103 455	25 × 20	10	40 / 240
0796 2103 456	32 × 20	10	30 / 180
0796 2103 457	32 × 25	10	30 / 150
0796 2103 458	40 × 20	10	15 / 90
0796 2103 459	40 × 25	10	15 / 90
0796 2103 460	40 × 32	10	15 / 90
0796 2103 461	50 × 20	10	10 / 60
0796 2103 462	50 × 25	10	10 / 60
0796 2103 463	50 × 32	10	10 / 50
0796 2103 464	50 × 40	10	8 / 48
0796 2103 465	63 × 25	10	6 / 36
0796 2103 466	63 × 32	10	6 / 36
0796 2103 467	63 × 40	10	6 / 36
0796 2103 468	63 × 50	10	6 / 36
0796 2103 469	75 × 40	10	1 / 16
0796 2103 470	75 × 50	10	1 / 16
0796 2103 471	75 × 63	10	1 / 16
0796 2103 472	90 × 63	10	1 / 12
0796 2103 473	90 × 75	10	1 / 12

NORMA PN 10 Reducing Tee



Part number	Size (mm × mm)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0796 2103 474	25 × 20	10	20 / 120
0796 2103 475	32 × 20	10	15 / 75
0796 2103 476	32 × 25	10	15 / 75
0796 2103 477	40 × 25	10	8 / 48
0796 2103 478	40 × 32	10	8 / 48
0796 2103 479	50 × 25	10	6 / 24
0796 2103 480	50 × 32	10	6 / 24
0796 2103 481	50 × 40	10	5 / 25
0796 2103 482	63 × 32	10	1 / 18
0796 2103 483	63 × 40	10	1 / 18
0796 2103 484	63 × 50	10	1 / 15
0796 2103 485	75 × 40	10	1 / 12
0796 2103 486	75 × 50	10	1 / 10
0796 2103 487	75 × 63	10	1 / 10
0796 2103 488	90 × 63	10	1 / 6
0796 2103 489	90 × 75	10	1 / 6

NORMA PN 10 Equal Elbow 90° with Central Female Thread



Part number	Size (mm × inch)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0796 2103 324	20 × 1/2"	10	10 / 200
0796 2103 325	25 × 1/2"	10	10 / 120
0796 2103 326	32 × 3/4"	10	10 / 80

NORMA PN 10 Wall Plate Elbow



Part number	Size (mm × inch)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0796 2103 499	25 × 3/4"	10	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
- ✓ More efficient water discharge due to lower wall thickness of the nylon ball valve
- ✓ Superior mechanical resistance due to nylon material
- ✓ Higher corrosion and frost resistance
- ✓ 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
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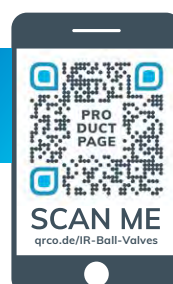


NORMA MARLIN® PN 16
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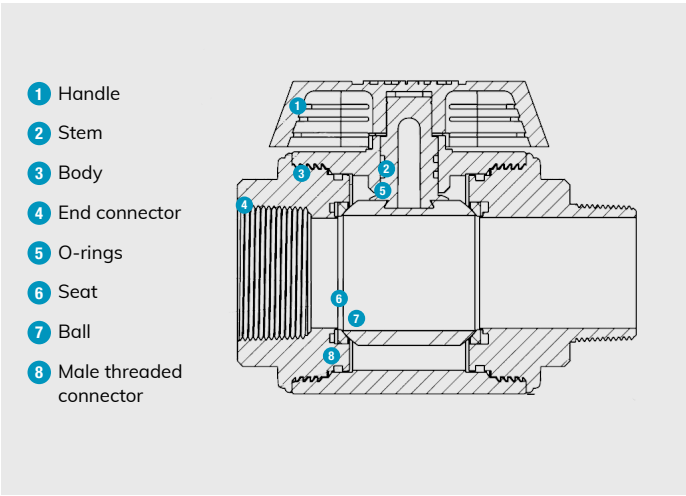


Nylon Threaded Fittings
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DISCOVER
MORE!



Technical Information



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	• O-rings: NBR
• Stem: POM (Acetal)	• Seat: HDPE
• Body: Nylon	• Ball: CPVC
• End connector: Nylon	• Male threaded connector (FxM): Nylon

High quality glass reinforced nylon construction

Guyco is a NORMA Group brand

Guideline for removing the handle



01 Turn the handle slightly clockwise



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

NORMA Nylon Ball Valves

01.

NORMA Nylon Female × Female



Part number	Size (mm × inch)	PN	Packaging (Units)
			Ind. Qty. / Box Qty.
0837 2513 400	15 × 1/2"	16	1 / 60
0837 2513 401	20 × 3/4"	16	1 / 60
0837 2513 402	25 × 1"	16	1 / 40
0837 2513 403	32 × 1 1/4"	16	1 / 30
0837 2513 404	40 × 1 1/2"	16	1 / 20
0837 2513 405	50 × 2"	16	1 / 12

NORMA Nylon Male × Female



Part number	Size (mm × inch)	PN	Packaging (Units)
			Ind. Qty. / Box Qty.
0837 2513 406	20 × 3/4"	16	1 / 60
0837 2513 407	25 × 1"	16	1 / 40
0837 2513 408	32 × 1 1/4"	16	1 / 30
0837 2513 409	40 × 1 1/2"	16	1 / 20
0837 2513 410	50 × 2"	16	1 / 12

NORMA Nylon Regular Blue Handle



Part number	Size (mm)	Packaging (Units)
		Ind. Qty. / Box Qty.
0837 2513 430	15 & 20	1 / 500
0837 2513 431	25	1 / 250
0837 2513 432	32	1 / 250
0837 2513 433	40	1 / 250
0837 2513 434	50	1 / 250

NORMA Nylon Recycled Water Purple Handle



Part number	Size (mm)	Packaging (Units)
		Ind. Qty. / Box Qty.
0837 2513 435	15 & 20	1 / 500
0837 2513 436	25	1 / 250
0837 2513 437	32	1 / 250
0837 2513 438	40	1 / 250
0837 2513 439	50	1 / 250

NORMA Nylon Threaded Fittings

Perfect complement to the NORMA Nylon Ball Valves, same level of quality and strenght.

- ✓ Extended range of durable high quality threaded fittings
- ✓ The precision heavy-duty tapered threads deliver a strong sealing effect
- ✓ Manufactured from glass fibre reinforced nylon
- ✓ Suitable for all irrigation applications, especially for use in harsh conditions

Guyco is a NORMA Group brand.

NORMA Nylon Threaded Fittings

NORMA Nylon Female Threaded Cap			
			
Part number	Size mm (inch)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0837 4600 010	15 (1/2")	16	100 / 1000
0837 4600 015	20 (3/4")	16	75 / 750
0837 4600 020	25 (1")	16	45 / 450
0837 4600 025	32 (1 1/4")	16	23 / 230
0837 4600 030	40 (1 1/2")	16	17 / 170
0837 4600 035	50 (2")	16	10 / 100
0837 4600 040	65 (2 1/2")	12	6 / 60
0837 4600 045	80 (3")	10	7 / 70
0837 4600 005	100 (4")	10	2 / 23

NORMA Nylon Male x Male Threaded Nipple			
			
Part number	Size mm (inch)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0837 4600 080	15 (1/2")	16	100 / 1000
0837 4600 085	20 (3/4")	16	75 / 750
0837 4600 090	25 (1")	16	45 / 450
0837 4600 095	32 (1 1/4")	16	23 / 230
0837 4600 100	40 (1 1/2")	16	17 / 170
0837 4600 105	50 (2")	16	10 / 100
0837 4600 110	65 (2 1/2")	12	6 / 60
0837 4600 115	80 (3")	10	7 / 70

NORMA Nylon Threaded Fittings

01.

NORMA Nylon Male × Male Threaded Reducing Nipple



Part number	Size mm × mm (inch × inch)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0837 4600 300	20 × 15 (3/4" × 1/2")	16	60 / 600
0837 4600 305	25 × 15 (1" × 1/2")	16	17 / 170
0837 4600 310	25 × 20 (1" × 3/4")	16	60 / 600
0837 4600 315	32 × 20 (1 1/4" × 3/4")	16	10 / 100
0837 4600 320	32 × 25 (1 1/4" × 1")	16	40 / 400
0837 4600 325	40 × 20 (1 1/2" × 3/4")	16	15 / 150
0837 4600 330	40 × 25 (1 1/2" × 1")	16	31 / 310
0837 4600 335	40 × 32 (1 1/2" × 1 1/4")	16	29 / 290
0837 4600 340	50 × 20 (2" × 3/4")	16	18 / 180
0837 4600 345	50 × 25 (2" × 1")	16	18 / 180
0837 4600 350	50 × 32 (2" × 1 1/4")	16	16 / 160
0837 4600 355	50 × 40 (2" × 1 1/2")	16	16 / 160
0837 4600 360	65 × 32 (2 1/2" × 1 1/4")	12	5 / 50
0837 4600 365	65 × 40 (2 1/2" × 1 1/2")	12	5 / 50
0837 4600 370	65 × 50 (2 1/2" × 2")	12	4 / 40
0837 4600 375	80 × 40 (3" × 1 1/2")	10	10 / 100
0837 4600 380	80 × 50 (3" × 2")	10	5 / 48
0837 4600 385	80 × 65 (3" × 2 1/2")	10	6 / 64

NORMA Nylon Male Threaded Plug



Part number	Size mm (inch)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0837 4600 150	15 (1/2")	16	65 / 650
0837 4600 155	20 (3/4")	16	80 / 800
0837 4600 160	25 (1")	16	45 / 450
0837 4600 165	32 (1 1/4")	16	26 / 260
0837 4600 170	40 (1 1/2")	16	37 / 370
0837 4600 175	50 (2")	16	24 / 240
0837 4600 180	65 (2 1/2")	12	6 / 60
0837 4600 185	80 (3")	10	9 / 90

NORMA Nylon Threaded Fittings

NORMA Nylon Male × Female Threaded Reducing Bush



Part number	Size mm × mm (inch × inch)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0837 4600 215	20 × 15 (3/4" × 1/2")	16	80 / 800
0837 4600 225	25 × 15 (1" × 1/2")	16	54 / 540
0837 4600 230	25 × 20 (1" × 3/4")	16	60 / 600
0837 4600 240	32 × 20 (1 1/4" × 3/4")	16	30 / 300
0837 4600 245	32 × 25 (1 1/4" × 1")	16	60 / 600
0837 4600 255	40 × 20 (1 1/2" × 3/4")	16	24 / 240
0837 4600 260	40 × 25 (1 1/2" × 1")	16	22 / 220
0837 4600 265	40 × 32 (1 1/2" × 1 1/4")	16	50 / 500
0837 4600 275	50 × 20 (2" × 3/4")	16	28 / 280
0837 4600 280	50 × 25 (2" × 1")	16	28 / 280
0837 4600 285	50 × 32 (2" × 1 1/4")	16	28 / 280
0837 4600 290	50 × 40 (2" × 1 1/2")	16	26 / 260

NORMA Nylon Female × Female Threaded Socket



Part number	Size mm (inch)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0837 4600 450	15 (1/2")	16	50 / 500
0837 4600 455	20 (3/4")	16	66 / 660
0837 4600 460	25 (1")	16	48 / 480
0837 4600 465	32 (1 1/4")	16	26 / 260
0837 4600 470	40 (1 1/2")	16	20 / 200
0837 4600 475	50 (2")	16	12 / 120

NORMA Nylon Female × Female Threaded Reducing Socket



Part number	Size mm × mm (inch × inch)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0837 4600 390	20 × 15 (3/4" × 1/2")	16	38 / 380
0837 4600 395	25 × 15 (1" × 1/2")	16	27 / 270
0837 4600 400	25 × 20 (1" × 3/4")	16	25 / 250
0837 4600 405	32 × 20 (1 1/4" × 3/4")	16	16 / 160
0837 4600 410	32 × 25 (1 1/4" × 1")	16	15 / 150
0837 4600 415	40 × 20 (1 1/2" × 3/4")	16	14 / 140
0837 4600 420	40 × 25 (1 1/2" × 1")	16	12 / 120
0837 4600 425	40 × 32 (1 1/2" × 1 1/4")	16	11 / 110
0837 4600 430	50 × 20 (2" × 3/4")	16	9 / 90
0837 4600 435	50 × 25 (2" × 1")	16	8 / 80
0837 4600 440	50 × 32 (2" × 1 1/4")	16	7 / 70
0837 4600 445	50 × 40 (2" × 1 1/2")	16	14 / 140

NORMA Nylon Female × Female Threaded Elbow 90°



Part number	Size mm (inch)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0837 4600 050	15 (1/2")	16	40 / 400
0837 4600 055	20 (3/4")	16	27 / 270
0837 4600 060	25 (1")	16	32 / 320
0837 4600 065	32 (1 1/4")	16	19 / 190
0837 4600 070	40 (1 1/2")	16	13 / 130
0837 4600 075	50 (2")	16	7 / 70

NORMA Nylon Threaded Fittings

01.

NORMA Nylon Male × Female
Threaded Elbow 90°

Part number	Size mm (inch)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0837 4600 120	15 (1/2")	16	45 / 450
0837 4600 125	20 (3/4")	16	54 / 540
0837 4600 130	25 (1")	16	32 / 320
0837 4600 135	32 (1 1/4")	16	20 / 200
0837 4600 140	40 (1 1/2")	16	13 / 130
0837 4600 145	50 (2")	16	8 / 80

NORMA Nylon Female
Threaded Equal Tee

Part number	Size mm (inch)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0837 4600 480	15 (1/2")	16	25 / 250
0837 4600 485	20 (3/4")	16	33 / 330
0837 4600 490	25 (1")	16	20 / 200
0837 4600 495	32 (1 1/4")	16	11 / 110
0837 4600 500	40 (1 1/2")	16	8 / 80
0837 4600 505	50 (2")	16	5 / 45

NORMA Nylon Threaded Hose
Tail (Male × Hose Tail)

Part number	Size mm (inch)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0837 4700 005	15 × 1/2	16	80 / 800
0837 4700 010	20 × 3/4	16	45 / 450
0837 4700 015	25 × 1	16	55 / 550
0837 4700 020	32 × 1 1/4	16	31 / 310
0837 4700 025	40 × 1 1/2	16	22 / 220
0837 4700 030	50 × 2	16	12 / 120
0837 4700 035	80 × 3	10	4 / 40

NORMA Hexagon Polypropylene Threaded Fittings

Cost competitive high-quality threaded fittings for your needs.

✓ NORMA quality

✓ Safe and durable

✓ High pressure rate, great performance

✓ Reliable connections

NORMA Hexagon Polypropylene Threaded Fittings

NORMA Male × Male
Nipple BSP



Part number	Size (inch)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0796 2698 001	1/2"	16	100 / 1600
0796 2698 002	3/4"	16	100 / 1000
0796 2698 003	1"	16	100 / 600
0796 2698 004	1 1/4"	16	100 / 400
0796 2698 005	1 1/2"	16	100 / 300
0796 2698 006	2"	16	50 / 150
0796 2698 007	3"	12	20 / 60
0796 2698 008	4"	10	10 / 40

NORMA Male × Male
Reducing Nipple BSP



Part number	Size (inch × inch)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0796 2698 009	3/4" × 1/2"	16	100 / 1000
0796 2698 010	1" × 3/4"	16	100 / 600
0796 2698 011	1 1/2" × 1"	16	100 / 400
0796 2698 012	2" × 1"	16	50 / 200
0796 2698 013	2" × 1 1/2"	16	50 / 200
0796 2698 014	3" × 2"	12	20 / 60
0796 2698 015	4" × 3"	10	10 / 40

NORMA Male × Female
Reducing Bush BSP



Part number	Size (inch × inch)	PN	Packaging (Units)
			Bag Qty. / Box Qty.
0796 2698 016	3/4" × 1/2"	16	100 / 2400
0796 2698 017	1" × 1/2"	16	100 / 1000
0796 2698 018	1" × 3/4"	16	100 / 1000

Clamp Saddles & Complementary Irrigation Connections

01.

Ideal solution for branching from existing pipes.

NORMA Clamp Saddles with Stainless Steel Reinforced Ring

- ✓ Polypropylene body with a reinforced stainless steel ring for extra strength and resistance
- ✓ Working pressure of 12.5 bar for superior performance
- ✓ Bolts and nuts made of zinc plated mild steel to avoid corrosion
- ✓ Extended range for all irrigation applications

NORMA Norma Clamp Saddles with Stainless Steel Reinforced Ring



Part number	Size (mm x inch)	PN	N° of Bolts	Packaging (Units)
				Bag Qty. / Box Qty.
0796 1570 661	32 × 1/2"	12.5	2	40 / 160
0796 1570 662	32 × 3/4"	12.5	2	40 / 160
0796 1570 663	32 × 1"	12.5	2	40 / 160
0796 1570 664	40 × 1/2"	12.5	2	30 / 150
0796 1570 665	40 × 3/4"	12.5	2	30 / 150
0796 1570 666	40 × 1"	12.5	2	30 / 150
0796 1570 667	50 × 1/2"	12.5	2	30 / 150
0796 1570 668	50 × 3/4"	12.5	2	30 / 150
0796 1570 669	50 × 1"	12.5	2	30 / 150
0796 1570 670	63 × 1/2"	12.5	4	20 / 80
0796 1570 671	63 × 3/4"	12.5	4	20 / 80
0796 1570 672	63 × 1"	12.5	4	20 / 80
0796 1570 673	63 × 1 1/4"	12.5	4	20 / 80
0796 1570 674	75 × 1/2"	12.5	4	10 / 50
0796 1570 675	75 × 3/4"	12.5	4	10 / 50
0796 1570 676	75 × 1"	12.5	4	10 / 50
0796 1570 677	75 × 1 1/4"	12.5	4	10 / 50
0796 1570 678	75 × 1 1/2"	12.5	4	10 / 50
0796 1570 679	75 × 2"	12.5	4	10 / 50
0796 1570 680	90 × 1/2"	12.5	4	10 / 30
0796 1570 681	90 × 3/4"	12.5	4	10 / 30
0796 1570 682	90 × 1"	12.5	4	10 / 30
0796 1570 683	90 × 1 1/4"	12.5	4	10 / 30
0796 1570 684	90 × 1 1/2"	12.5	4	10 / 30
0796 1570 685	90 × 2"	12.5	4	10 / 30

Part number	Size (mm x inch)	PN	N° of Bolts	Packaging (Units)
				Bag Qty. / Box Qty.
0796 1570 686	110 × 1/2"	12.5	4	10 / 30
0796 1570 687	110 × 3/4"	12.5	4	10 / 30
0796 1570 688	110 × 1"	12.5	4	10 / 30
0796 1570 689	110 × 1 1/4"	12.5	4	10 / 30
0796 1570 690	110 × 1 1/2"	12.5	4	10 / 30
0796 1570 691	110 × 2"	12.5	4	10 / 30
0796 1570 692	125 × 3/4"	12.5	4	6 / 24
0796 1570 693	125 × 1"	12.5	4	6 / 24
0796 1570 694	125 × 1 1/4"	12.5	4	6 / 24
0796 1570 695	125 × 2"	12.5	4	6 / 24
0796 1570 696	160 × 1/2"	12.5	6	1 / 15
0796 1570 697	160 × 3/4"	12.5	6	1 / 15
0796 1570 698	160 × 1"	12.5	6	1 / 15
0796 1570 699	160 × 1 1/4"	12.5	6	1 / 15
0796 1570 700	160 × 1 1/2"	12.5	6	1 / 15
0796 1570 701	160 × 2"	12.5	6	1 / 15
0796 1570 702	180 × 3/4"	12.5	6	1 / 10
0796 1570 703	180 × 1"	12.5	6	1 / 10
0796 1570 704	180 × 1 1/4"	12.5	6	1 / 10
0796 1570 705	180 × 1 1/2"	12.5	6	1 / 10
0796 1570 706	180 × 2"	12.5	6	1 / 10
0796 1571 323	200 × 3/4"	12.5	6	1 / 8
0796 1570 707	200 × 1"	12.5	6	1 / 8
0796 1570 708	200 × 1 1/4"	12.5	6	1 / 8
0796 1570 709	200 × 1 1/2"	12.5	6	1 / 8
0796 1570 710	200 × 2"	12.5	6	1 / 8

NORMA Clamp Saddles Non-Reinforced NEW RANGE

- ✓ Cost-effective high-quality clamp saddles
- ✓ Bolts made of zink-plated mild steel to resist to corrosion
- ✓ Ideal for your regular needs in most irrigation applications
- ✓ Working pressure of 10 bar for great performance in most irrigation applications

**NORMA Clamp Saddles
Non-Reinforced**



Part number	Size (mm x inch)	PN	N° of Bolts	Packaging (Units)
				Bag Qty. / Box Qty.
0894 1201 001	25 × 1/2"	10	2	1 / 200
0894 1201 002	25 × 3/4"	10	2	1 / 200
0894 1201 003	32 × 1/2"	10	2	1 / 150
0894 1201 004	32 × 3/4"	10	2	1 / 150
0894 1201 005	40 × 1/2"	10	2	1 / 120
0894 1201 006	40 × 3/4"	10	2	1 / 120
0894 1201 007	40 × 1"	10	2	1 / 120
0894 1201 008	50 × 1/2"	10	2	1 / 100
0894 1201 009	50 × 3/4"	10	2	1 / 100
0894 1201 010	50 × 1"	10	2	1 / 100
0894 1201 011	63 × 1/2"	10	4	1 / 50
0894 1201 012	63 × 3/4"	10	4	1 / 50
0894 1201 013	63 × 1"	10	4	1 / 50
0894 1201 014	63 × 1-1/4"	10	4	1 / 50

Complementary Connections

Complementary accessories to connect the clamp saddles to the spray-heads and sprinklers

NORMA Super Flexee Swing Pipe		Color: Black	
EMEA part number	Pattern	Coil size (m)	
0894 2450 001	Diameter: 17.5 mm; Thickness: 2.5 mm	30 (wrapped)	

Swing Pipe Fittings				Color: Black
	EMEA part number	USA reference	Pattern	Packaging (Units)
				Bag Qty.
	0800 2460 007	FPC-0490	Barbed Connector	250
	0800 2460 005	FPA-0500	1/2" Male x Barbed Adaptor	300
	0800 2460 006	FPA-0750	3/4" Male x Barbed Adaptor	250
	0800 2460 008	FPE-0500	1/2" Male x Barbed Elbow	400
	0800 2460 009	FPE-0750	3/4" Male x Barbed Elbow	250
	0800 2460 010	FPT-0500	1/2" Male x Barbed Tee	500



NORMACLAMP® TORRO

01.



The industry's gold standard for more than 50 years



- ✓ Multi-range hose clamp
- ✓ No chromium (VI) used for coating purposes
- ✓ Clamping ranges in acc. with DIN 3017: 8 – 16 mm to 140 – 160 mm
- ✓ Larger diameters available on request

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



Telescopic Compression Fittings [Page 26](#)

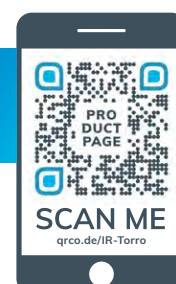


Clamp Saddle [Page 46](#)

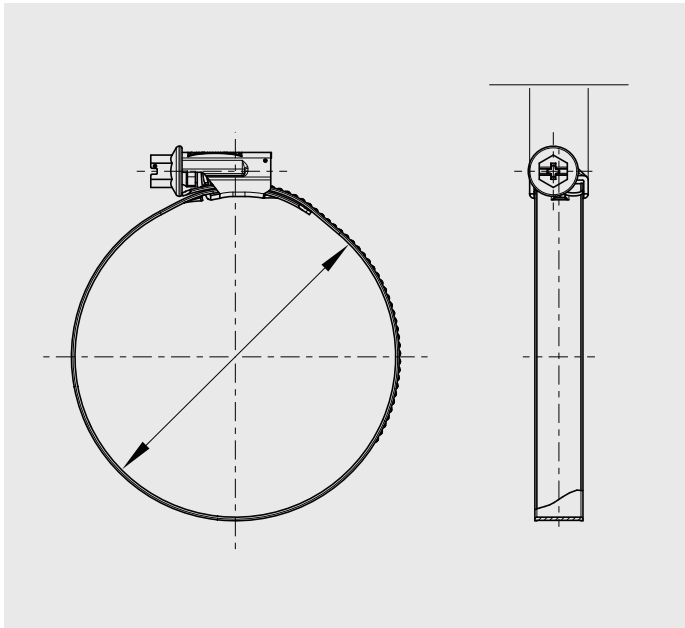


NORMA PC Dripline [Page 56](#)

DISCOVER
MORE!



Technical Information



Material

TORRO is well suited to applications involving poly and braided tubing that require a complete seal, e.g. for:

- Joining cooling water lines
- Depressurized and pressurized fuel lines and ventilation systems
- Joining lines in sanitary applications
- Joining lines in machine building applications
- Lines in the household appliance industry
- Oil lines

Material

Group	W1, W2, W3, W4 and W5
Band & housing	W1 (Galvanized steel), W2 and W3 (SS – AISI 430), W4 (SS – AISI 304), W5 (SS – AISI 316)
Screw	W1 (Galvanized steel), W2 (Galvanized mild steel), W3 (SS – AISI 403), W4 (SS – AISI 304), W5 (SS – AISI 316)

IRRIGATION JOINING SOLUTIONS

Clamps for Water Solutions

01.

**NORMACLAMP®
TORRO® – W1***

Screw Hex. Mm 7



Part number	Designation	Width	Packaging (Units)
			Bag Qty. / Box Qty.
0126 7565 012	TORRO 8–16	9	100
0126 7565 017	TORRO 12–22	9	100
0126 7565 021	TORRO 16–27	9	100
0126 7565 026	TORRO 20–32	9	100
0126 7565 029	TORRO 23–35	9	100
0126 7565 032	TORRO 25–40	9	100
0126 7565 037	TORRO 30–45	9	100
0126 7565 043	TORRO 35–50	9	100
0126 7565 050	TORRO 40–60	9	50
0126 7565 060	TORRO 50–70	9	50
0126 7565 070	TORRO 60–80	9	25
0126 7565 080	TORRO 70–90	9	25
0126 756 5090	TORRO 80–100	9	25
0126 7565 100	TORRO 90–110	9	25
0126 6565 110	TORRO 100–120	9	25
01266 565 120	TORRO 110–130	9	25
0126 6565 130	TORRO 120–140	9	25
0126 6565 140	TORRO 130–150	9	25
0126 6565 150	TORRO 140–160	9	25
0126 6565 160	TORRO 150–170	9	25
0126 6565 170	TORRO 160–180	9	25
0126 6565 180	TORRO 170–190	9	25
0126 6565 190	TORRO 180–200	9	25

Part number	Designation	Width	Packaging (Units)
			Bag Qty. / Box Qty.
0136 7352 021	16–27	12	50
0136 7352 026	20–32	12	50
0136 7352 032	25–40	12	50
0136 7352 037	30–45	12	50
0136 7352 043	35–50	12	50
0136 7352 050	40–60	12	25
0136 7352 060	50–70	12	25
0136 7352 070	60–80	12	25
0136 7352 080	70–90	12	25
0136 7352 090	80–100	12	25
0136 7352 100	90–110	12	25
0136 6352 110	100–120	12	25
0136 6352 120	110–130	12	25
0136 6352 130	120–140	12	25
0136 6352 140	130–150	12	25
0136 6352 150	140–160	12	25
0136 6352 160	150–170	12	25
0136 6352 170	160–180	12	25
0136 6352 180	170–190	12	25
0136 6352 190	180–200	12	25
0136 6352 200	190–210	12	25
0136 6352 210	200–220	12	25
0136 6352 220	210–230	12	25
0136 6352 230	220–240	12	25
0136 6352 240	230–250	12	25
0136 6352 250	240–260	12	25
0136 6352 260	250–270	12	25
0136 6352 270	260–280	12	25
0136 6352 280	270–290	12	25
0136 6352 290	280–300	12	25
0136 6352 300	290–310	12	25
0136 6352 310	300–320	12	25
0136 6352 320	310–330	12	25
0136 6352 330	320–340	12	25
01366 352 340	330–350	12	25

*Also available in W2, W3, W4 & W5

NORMACLAMP® GBS

Exceptionally high level of band tensile force

✓ Failure torques improved by a factor of two

✓ Band tensile force levels improved
by a factor of three

✓ No welding spots and no contact corrosion

✓ Hollow trunions – reduce tensile forces on
the bolt and the mechanical lock

NORMACLAMP® GBS® – W1*

Band width – 18 mm



Part number	Designation	Clamping range Ø DN (mm)	Packaging (Units)
			Bag Qty. / Box Qty.
0591 7181 018	GBS 18/18/1	17–19	50
0591 7181 020	GBS 20/18/1	19–21	50
0591 718 1022	GBS 22/18/1	21–23	50
0591 7181 024	GBS 24/18/1	23–25	50
0591 7181 026	GBS 26/18/1	25–27	50
0591 7181 028	GBS 28/18/1	27–29	50
0591 7181 030	GBS 30/18/1	29–31	50
0591 7181 033	GBS 33/18/1	31–34	50
0591 7181 036	GBS 36/18/1	34–37	50
0591 7181 039	GBS 39/18/1	37–40	50
0591 7181 042	GBS 42/18/1	40–43	50

NORMACLAMP® GBS® – W1*

Band width – 20 mm



Part number	Designation	Clamping range Ø DN (mm)	Packaging (Units)
			Bag Qty. / Box Qty.
0591 7201 045	GBS 45/20/1	43–47	50
0591 7201 049	GBS 49/20/1	47–51	50
0591 7201 053	GBS 53/20/1	51–55	50
0591 7201 057	GBS 57/20/1	55–59	50
0591 720 1061	GBS 61/20/1	59–63	50
0591 7201 066	GBS 66/20/1	63–68	50

NORMACLAMP® GBS® – W1*

Band width – 25 mm



Part number	Designation	Clamping range Ø DN (mm)	Packaging (Units)
			Bag Qty. / Box Qty.
0591 7251 071	GBS 71/25/1	68–73	25
0591 7251 076	GBS 76/25/1	73–79	25
0591 7251 082	GBS 82/25/1	79–85	25
0591 7251 088	GBS 88/25/1	85–91	25
0591 7251 094	GBS 94/25/1	91–97	25
0591 7251 101	GBS 101/25/1	97–104	25
0591 7251 108	GBS 108/25/1	104–112	25
0591 7251 117	GBS 117/25/1	112–121	25
0591 7251 126	GBS 126/25/1	121–130	25

NORMACLAMP® GBS® – W1*

Band width – 30 mm



Part number	Designation	Clamping range Ø DN (mm)	Packaging (Units)
			Bag Qty. / Box Qty.
0591 7301 135	GBS 135/30/1	130–140	10
0591 7301 145	GBS 145/30/1	140–150	10
0591 7301 156	GBS 156/30/1	150–162	10
0591 7301 168	GBS 168/30/1	162–174	10
0591 7301 181	GBS 181/30/1	174–187	10
0591 7301 194	GBS 194/30/1	187–200	10
0591 7301 207	GBS 207/30/1	200–213	10
0591 7301 220	GBS 220/30/1	213–226	10
0591 7301 233	GBS 233/30/1	226–239	10
0591 7301 246	GBS 246/30/1	239–252	10

*Also available in W2, W3, W4 & W5

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



Categories & Key Products



Driplines and Other Drip Tubing NEW RANGE

Highly efficient complete solutions for landscape 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

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Drip Fittings

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

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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

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Drip Accessories

Diversified accessories that complete the drip solutions

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

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NORMA PC Dripline



High performance dripline for landscape applications

- ✓ PC – Pressure Compensating: Even distribution of water regardless of pressure fluctuations
- ✓ Flexible pipe for easy and fast installation in all applications
- ✓ Pressure working range 1.0 – 4.0 bar
- ✓ Anti cracking system, for long lasting installations
- ✓ Durable under harsh field conditions and chemicals resistant
- ✓ Minimal clogging due to self-flushing emitter design

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



AccuFlow™ PC
Page 68

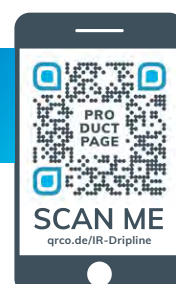


Insert Fitting 16 & 17 mm
Page 64



Smart-Loc™ Fitting
Page 62

DISCOVER
MORE!



Technical Information

Applications

Perfect solution for all landscape drip applications, specially recommended for demanding installations, like, public green areas, commercial applications and high-end residential irrigation systems

Material

Sustainable material: 100% recyclable polyethylene

NORMA PC Dripline **NEW RANGE**

NORMA PC Dripline 16 mm (Pressure Compensating)		Flow: 2.1 lph	Emitters Spacing: 33 cm		
Part number	Color	Ø DN (mm)	Thickness (mm)	Coil size (m)	
0894 2410 003	Brown	16	1.15	25 (wrapped)	
0894 2410 001	Brown	16	1.15	50 (wrapped)	
0894 2410 002	Brown	16	1.15	100 (wrapped)	
0894 2410 004	Brown	16	1.15	400 (wrapped)	
0894 2410 021	Dark Brown	16	1.15	100 (wrapped)	

NOTE: We can quote different flow rates and different emitters spacing

NORMA PC Dripline 17 mm (Pressure Compensating)		Flow: 2.1 lph	Emitters Spacing: 33 cm		
Part number	Color	Ø DN (mm)	Thickness (mm)	Coil size (m)	
0894 2410 091	Brown	17	1.25	50 (wrapped)	
0894 2410 092	Brown	17	1.25	100 (wrapped)	

NORMA CV Dripline

NORMA CV dripline combines the best of NORMA PC Dripline with a Check Valve (CV), saving water by reducing water wastage

- ✓ Anti-siphon mechanism prevents suction of debris into the emitter
- ✓ Ideal for slopes: each emitter has a check valve that closes at 0.14 bar, holding back 1.4 m of elevation
- ✓ Allows for longer run lengths: working pressure starting at 0.5 bar
- ✓ Dripline remains full of water between irrigation intervals providing immediate and uniform irrigation at each irrigation cycle and avoiding low head runoff

NORMA CV Dripline

Norma CV Dripline 16 mm (Pressure Compensating with Check Valve)		Flow: 2.1 lph	Emitters Spacing: 33 cm		
Part number	Color	Ø DN (mm)	Thickness (mm)	Coil size (m)	
0894 2410 011	Brown	16	1.15	50 (wrapped)	
0894 2410 012	Brown	16	1.15	100 (wrapped)	

NOTE: We can quote different flow rates and different emitters spacing

Norma CV Dripline 17 mm (Pressure Compensating with Check Valve)		Flow: 2.1 lph	Emitters Spacing: 33 cm		
Part number	Color	Ø DN (mm)	Thickness (mm)	Coil size (m)	
0894 2410 081	Brown	17	1.25	50 (wrapped)	
0894 2410 082	Brown	17	1.25	100 (wrapped)	

NORMA Distribution Pipes

Wide range of distribution pipes for all drip applications

✓ Flexible pipes for easy and fast installation

✓ Dripline complement to dripline pipes

✓ Same pipe quality as driplines, including anti cracking system

NORMA Distribution Pipes

Norma Drip Distribution Tubing 16 mm (Blank Tubing)



Part number	Color	Ø DN (mm)	Thickness (mm)	Coil size (m)
0894 2430 001	Brown	16	1.15	25 (wrapped)
0894 2430 002	Brown	16	1.15	50 (wrapped)
0894 2430 003	Brown	16	1.15	100 (wrapped)
0894 2430 011	Black	16	1.15	50 (wrapped)
0894 2430 012	Black	16	1.15	100 (wrapped)

Norma Drip Distribution Tubing 17 mm (Blank Tubing)



Part number	Color	Ø DN (mm)	Thickness (mm)	Coil size (m)
0894 2430 081	Brown	17	1.25	50 (wrapped)
0894 2430 082	Brown	17	1.25	100 (wrapped)

Micro Drip Tubing

- ✓ Micro distribution tubing offered in a practical bucket for easy transport and usage
- ✓ Micro tubing with inline emitters
- ✓ Solution for targeted very low-volume applications
- ✓ Innovative products, unique solutions

Micro Drip Distribution Tubing

Drip Micro Tubing 6 mm		Polyethylene			
Part number	Color	Ø DN (mm)	Thickness (mm)	Coil size (m)	
0800 6410 332	Black	6	–	300 / Bucket	
0800 6410 425	Black	6	–	300	

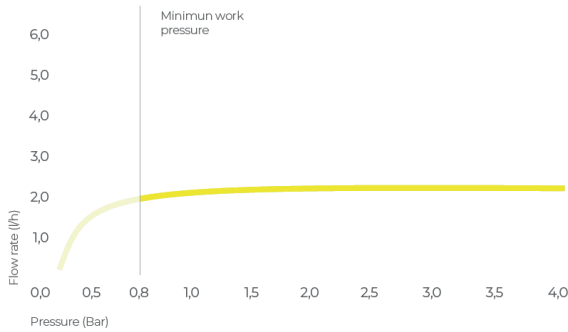
Micro Dripline Tubing

Dura Flo™ JR Dripline 6 mm with inlet emitters		Flow: 1.9 lph	Emitters Spacing: 15 cm		
Part number	Color	Ø DN (mm)	Thickness (mm)	Coil size (m)	
0800 2410 027	Black	6	1.00	30	
0800 2410 032	Brown	6	1.00	30	

Dura Flo™ JR Dripline 6 mm with inlet emitters		Flow: 1.9 lph	Emitters Spacing: 30 cm		
Part number	Color	Ø DN (mm)	Thickness (mm)	Coil size (m)	
0800 2410 030	Black	6	1.00	30	
0800 2410 033	Brown	6	1.00	30	

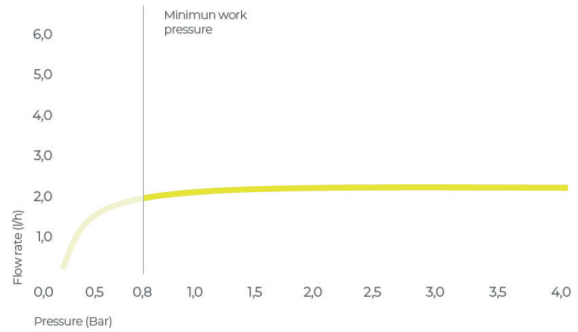
Commercial graphs of approximate curves

NORMA PC Dripline diameter 16 mm



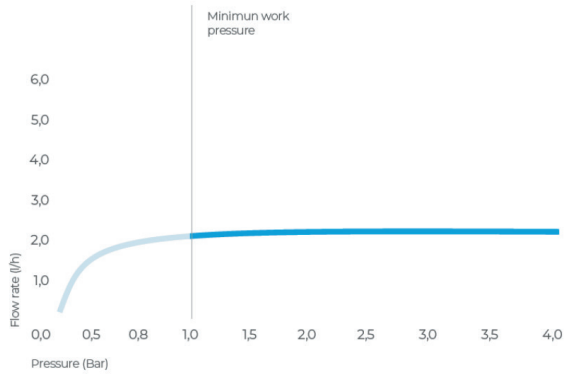
2.1 l/h True flow curves available

NORMA PC Dripline diameter 17 mm



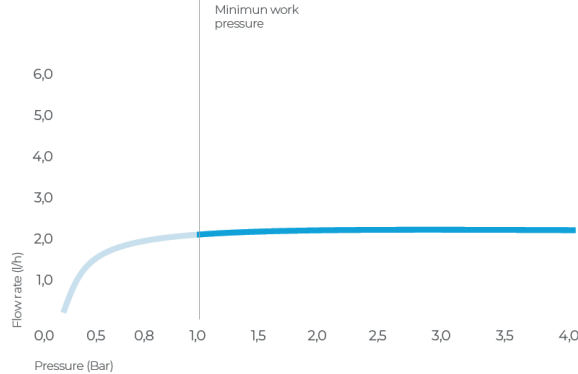
2.1 l/h True flow curves available

NORMA CV Dripline diameter 16 mm



2.1 l/h True flow curves available

NORMA CV Dripline diameter 17 mm



2.1 l/h True flow curves available

Maximum recommended length of run (m)

NORMA PC Dripline – Ø 16 mm, 33 cm Spacing

2.1 l/h, minimum working pressure 0.8 bar	Inner diameter (mm)	Pressure (bar)	Nominal flow rate (l/h)	Maximum length of run (m)
13.8		1.0	2.03	64
		2.0	2.00	121
		3.0	2.04	150
		4.0	2.04	171

NORMA PC Dripline – Ø 17 mm, 33 cm Spacing

2.1 l/h, minimum working pressure 0.8 bar	Inner diameter (mm)	Pressure (bar)	Nominal flow rate (l/h)	Maximum length of run (m)
14.2		1.0	2.03	67
		2.0	2.00	128
		3.0	2.04	158
		4.0	2.04	181

NORMA CV Dripline – Ø 16 mm, 33 cm Spacing

2.1 l/h, minimum working pressure 1.0 bar	Inner diameter (mm)	Pressure (bar)	Nominal flow rate (l/h)	Maximum length of run (m)
13.8		1.0	2.02	64
		2.0	2.00	121
		3.0	2.08	150
		4.0	2.10	171

NORMA CV Dripline – Ø 17 mm, 33 cm Spacing

2.1 l/h, minimum working pressure 1.0 bar	Inner diameter (mm)	Pressure (bar)	Nominal flow rate (l/h)	Maximum length of run (m)
14.2		1.0	2.02	67
		2.0	2.00	128
		3.0	2.08	158
		4.0	2.10	181

Pressure indicated for the entrance of the branch. 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™



High performance solution, easy and fast to install



- ✓ Secure leak-free connections
- ✓ Removable and re-usable
- ✓ Reliable under the most demanding conditions
- ✓ Works with all common pipes of 16–18 mm diameter
- ✓ 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
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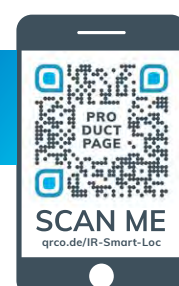


NORMA PN 10
Page 30



Threaded Fitting
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DISCOVER
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Multidiameter Drip Fittings

Smart-Loc™ Multi-Diameter Drip Fittings			Diameter: Fits 16 mm to 18 mm tubing	Color: Black
	EMEA part number	USA reference	Model	Packaging (Units)
				Bag Qty. / Box Qty.
	0800 6410 286	SLC 18	Coupling	25 / 250
	0800 6410 093	CEL 18	Elbow	25 / 250
	0800 6410 159	CT 18	Tee	25 / 250
	0800 6410 120	CMAF 5-18	1/2" MPT Adaptor	25 / 250
	0800 6410 127	CMAF 75-18	3/4" MPT Adaptor	25 / 250
	0800 6410 111	CMAH 18	MHT Adaptor	25 / 250
	0800 6410 100	CEP 18	End Plug	25 / 250
	0800 6410 130	CSA 18	FHT Swivel Adaptor	25 / 250

Insert Drip Fittings

Cost competitive solution for all irrigation applications

✓ Wide range of models in 2 sizes (16 mm and 17 mm)

✓ Manufactured in acetal, great resistance

Insert Drip Fittings

NORMA Insert Drip Fittings		Diameter: 16 mm	Color: Brown
	EMEA part number	Model	Packaging (Units)
			Bag Qty. / Box Qty.
	0894 2410 061	Coupling	25 / 250
	0894 2410 062	Elbow	25 / 250
	0894 2410 063	Tee	25 / 250
	0894 2410 064	1/2" Adaptor	25 / 250
	0894 2410 065	3/4" Adaptor	25 / 250
	0894 2410 066	Ball Valve	25 / 250

NORMA Insert Drip Fittings			Diameter: 17 mm	Color: Brown
	EMEA part number	USA reference	Model	Packaging (Units)
				Bag Qty.
	0800 6410 075	C 17	Coupling	25
	0800 6410 182	EL 17	Elbow	25
	0800 6410 288	T 17	Tee	25
	0800 6410 166	CX 17	Cross	10
	0800 2410 070	BTMA 1750	1/2" MPT Adaptor	10
	0800 2410 071	BTMA 1775	3/4" MPT Adaptor	10
	0800 6410 320	TMA 1750	Tee x 1/2" MPT Adaptor	10
	0800 6410 329	YMA 1775	Y x 3/4" MPT Adaptor	10

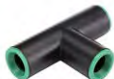
Insert Drip Ball Valve		Diameter: 17 mm	Color: Black
	EMEA part number	USA reference	Packaging (Units)
			Bag Qty.
	0800 2410 072	BV 17	5

Compression Drip Fittings

Great cost/performance balance, an optimal solution for your irrigation systems

- ✓ Very strong connection
- ✓ Long last and reliable installations
- ✓ Wide range of models in 2 color-coded sizes (16 mm and 17 mm)
- ✓ Great for all irrigation applications

Compression Drip Fittings

Compression Drip Fittings			Diameter: 16 mm	Color: Black with Green Ring
	EMEA part number	USA reference	Model	Packaging (Units)
				Bag Qty. / Box Qty.
	0800 6410 088	CC 600	Coupling	25 / 1,000
	0800 6410 095	CEL 600	Elbow	25 / 800
	0800 6410 161	CT 600	Tee	15 / 480
	0800 6410 101	CEP 600	End Plug with Cap	25 / 800
	0800 6410 121	CMAF 5-600	1/2" MIPT Adaptor	50 / 1,000
	0800 6410 151	CST 600	3/4" FHT Swivel Tee w / Screen	15 / 480

PROFESSIONAL DRIP IRRIGATION

Compression Drip Fittings

Compression Drip Fittings			Diameter: 17 mm	Color: Black
	EMEA part number	USA reference	Model	Packaging (Units)
				Bag Qty. / Box Qty.
	0800 6410 089	CC 700	Coupling	25 / 1,000
	0800 6410 096	CEL 700	Elbow	25 / 800
	0800 6410 162	CT 700	Tee	15 / 480
	0800 6410 102	CEP 700	End Plug with Cap	25 / 800
	0800 6410 122	CMAF 5-700	1/2" MIPT Adaptor	50 / 1,000
	0800 6410 125	CMAF 700	3/4" MIPT Adaptor	50 / 1,000
	0800 6410 114	CMAH 700	3/4" MHT Adaptor	50 / 1,000
	0800 6410 133	CSA 700	3/4" FHT Swivel Adaptor	25 / 800
	0800 6410 144	CSEL 700	3/4" FHT Swivel Elbow w / Screen	25 / 500
	0800 6410 152	CST 700	3/4" FHT Swivel Tee w / Screen	15 / 480

MPT: Male Pipe Thread MHT: Male Hose Thread FHT: Female Hose Thread MIPT: Male Iron Pipe Thread FIPT: Female Iron Pipe Thread

Micro Drip Fittings

The right connections for micro tubing installations

✓ Wide range of models

✓ Complementary solution, NORMA is the complete joining solutions specialist

Micro Drip Fittings

Micro Drip Fittings			Diameter: 6 mm	Color: Black
	EMEA part number	USA reference	Model	Packaging (Units)
				Bag Qty. / Box Qty.
	0800 2410 069	BT 250	Adaptor – barb x thread	100 / 2,000
No picture available	0800 6410 321	TT 250	Adaptor – thread x thread	100 / 2,000
	0800 6410 076	C 250	Connector – barb x barb	100 / 10,000
No picture available	0800 2410 067	BB 250	Adaptor – barb x barb	100 / 5,000
	0800 6410 289	T 250	Tee – barb x barb x barb	100 / 3,000
	0800 6410 183	EL 250	Elbow – barb x barb	100 / 5,000
	0800 6410 197	GP 2	Dual Goof Plug (20 / Rack)	100 / 10,000
	0800 6410 279	SAT	Adaptor 1/2" FIPT x Barb	100 / 400
	0800 6410 251	REA	Adaptor for Barbed Drip Emitter – 1/2 FIPT x emitter socket adaptor	100 / 400
	0800 6410 287	ST 250	Adaptor – 1/2" FIPT x barbed swivel tee	100 / 300
	0800 6410 285	SEL 250	Adaptor – 1/2" FIPT x barbed swivel elbow	100 / 300
	0800 6410 232	RA 250	Riser Extension Adapter – 1/2" FIPT x 1/2" MIPT x barb	25 / 100

AccuFlow™ PC



The most accurate pressure compensating emitter



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

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



NORMA CV Dripline
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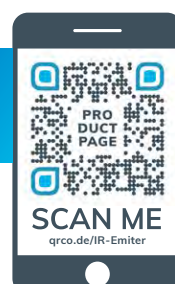


Adjustable Flow Rate Emitter
Page 71



Smart-Loc™ Fitting
Page 62

DISCOVER
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Pressure Compensating Drip Emitters

Accuflow Pressure Compensating Emitters



EMEA part number	USA reference	Flow (lph)	Color	Packaging (Units)
				Bag Qty. / Box Qty.
0800 2410 065	AFPC 5	2	Blue	100 / N/A
0800 2410 061	AFPC 10	4	Black	100 / N/A
0800 2410 063	AFPC 20	8	Red	100 / N/A
0800 6410 420	AFPC 50	19	Sand	100 / N/A

Non-Pressure Compensating Drip Emitters

Wide range of drip emitters for all irrigation applications

✓ Focused on landscape irrigation

✓ Different patterns, ranges and flows for all low-volume irrigation systems

Non-Pressure Compensating Drip Emitters

Dial-a-Flow™ Adjustable Emitters						Color: Black	
	EMEA part number	USA reference	Pattern	Flow (lph)	Ø DN (mm)	Packaging (Units)	
						Bag Qty. / Box Qty.	
	0800 6410 168	DAFB 360	360°, 8 stream	✱	0-38	6 – barbed	100 / 2,500
	0800 6410 167	DAFB 180	180°, 5 stream	✱	0-38	6 – barbed	100 / 2,500
	0800 6410 170	DAFB FAN	360°, fan spray	●	0-76	6 – barbed	100 / 2,500
	0800 6410 169	DAFB BUB	Umbrella Bubbler	●	0-95	6 – barbed	100 / 2,500
	0800 6410 177	DAFT 360	360°, 8 stream	✱	0-38	8 (10/32) threaded	100 / 2,500
	0800 6410 176	DAFT 180	180°, 5 stream	✱	0-38	8 (10/32) threaded	100 / 2,500
	0800 6410 179	DAFT FAN	360°, fan spray	●	0-76	8 (10/32) threaded	100 / 2,500
	0800 6410 178	DAFT BUB	Umbrella Bubbler	●	0-95	8 (10/32) threaded	100 / 2,500
	0800 6410 173	DAFS 360	360°, 8 stream, with 15 mm stake	✱	0-38		100 / 1,000
	0800 6410 172	DAFS 180	180°, 5 stream, with 15 mm stake	✱	0-38		100 / 1,000
	0800 6410 175	DAFS FAN	360°, fan spray, with 15 mm stake	●	0-76		100 / 1,000
	0800 6410 174	DAFS BUB	Umbrella Bubbler, with 15 mm stake	●	0-95		100 / 1,000

PROFESSIONAL DRIP IRRIGATION

Non-Pressure Compensating Drip Emitters

Super-Flo™ Take-Apart Laminar Flow Emitters



EMEA part number	USA reference	Flow (lph)	Color	Packaging (Units)
				Bag Qty. / Box Qty.
0800 6410 294	TAE 10	4	Black	100 / 2,000
0800 6410 295	TAE 20	8	Green	100 / 2,000
0800 6410 296	TAE 40	15	Yellow	100 / 2,000

Hidro-Flo™ Emitters

Color: Black

	EMEA part number	USA reference	Pattern	Color	Packaging (Units)
					Bag Qty. / Box Qty.
	0800 6410 324	VF 360	360° Stream Spray Adjustable Jet	Black	100 / 500
	0800 6410 323	VF 180	180° Fan Spray Adjustable Jet	Black	100 / 500
	0800 6410 325	VF 90	90° Fan Spray Adjustable Jet	Black	100 / 500
No picture available	0800 6410 315	TFC 33	Cap-Strip Fan Spray Jet 	Black	100 / 2,500
	0800 6410 311	TFB 50	Base-1.3 mm Nozzle Jet	Green	100 / 2,500
	0800 6410 312	TFB 60	Base-1.5 mm Nozzle Jet	Red	100 / 2,500
	0800 6410 313	TFB 70	Base-1.8 mm Nozzle Jet	White	100 / 2,500
	0800 6410 301	TF 436	360° Fan Spray Single-Piece Jet; 1.0 mm nozzle 	Blue	100 / 2,500
	0800 6410 304	TF 536	360° Fan Spray Single-Piece Jet; 1.3 mm nozzle 	Green	100 / 2,500
	0800 6410 307	TF 636	360° Fan Spray Single-Piece Jet; 1.5 mm nozzle 	Red	100 / 2,500
	0800 6410 300	TF 418	180° Fan Spray Single-Piece Jet; 1.0 mm nozzle 	Blue	100 / 2,500
	0800 6410 303	TF 518	180° Fan Spray Single-Piece Jet; 1.3 mm nozzle 	Green	100 / 2,500
	0800 6410 306	TF 618	180° Fan Spray Single-Piece Jet; 1.5 mm nozzle 	Red	100 / 2,500
	0800 6410 302	TF 49	90° Fan Spray Single-Piece Jet; 1.0 mm nozzle 	Blue	100 / 2,500
	0800 6410 305	TF 59	90° Fan Spray Single-Piece Jet; 1.3 mm nozzle 	Green	100 / 2,500
	0800 6410 308	TF 69	90° Fan Spray Single-Piece Jet; 1.5 mm nozzle 	Red	100 / 2,500

Micro-Flo™ Emitters

Micro-Sprinkler Adjustable with shutoff



EMEA part number	USA reference	Flow (lph)	Color	Ø DN (mm)	Packaging (Units)
					Bag Qty. / Box Qty.
0800 6410 207	MFA	0-95	Red	10/32 inlet	50 / 300

Tri-Flo™ Spraystick Emitters



EMEA part number	USA reference	Pattern		Color	Ø DN (mm)	Packaging (Units)
						Bag Qty. / Box Qty.
0800 6410 319	TFS 9	90° 3 Flow		Blue	1/8 tubing	100 / 2,000
0800 6410 318	TFS 16	160° 3 Flow		Green	1/8 tubing	100 / 2,000

Pressure Compensating Fixed Flow Rate Devices

Cuatro-Flo™ Emitters Outlet Bubbler; 4 swivel barbed outlets 1/2" FIPT



EMEA part number	USA reference	Flow (lph)	Color	Packaging (Units)
				Bag Qty. / Box Qty.
0800 6410 107	CFL 2	8	Blue	25 / 100
0800 6410 106	CFL 10	38	Red	25 / 100
0800 6410 108	CFL 20	76	Green	25 / 100

Adjustable Flow Rate Devices

Hydroport™ Adjustable Manifold Adjustable Flow; 1/2" FIPT; Color: Black



EMEA part number	USA reference	Pattern	Flow (lph)	Packaging (Units)
				Bag Qty. / Box Qty.
0800 6410 201	HPAM 4	4 Port Outlet	0-76	10 / 30
0800 6410 202	HPAM 8	8 Port Outlet	0-76	10 / 30

Technical Information

Dial-a-Flo™ Emitters Flow Rates & Radius (product on page 69)

Dial-a-Flo™ 360°, 8 stream Emitters						
Position	Pressure: 1.4 bar		Pressure: 2.1 bar		Pressure: 2.8 bar	
	Flow rate (lph)	Radius (cm)	Flow Rate (lph)	Radius (cm)	Flow Rate (lph)	Radius (cm)
0	0	0	0	0	0	0
1	7	0	9	0	10	0
2	9	0	12	0	13	5
3	11	0	15	5	17	8
4	14	5	18	8	21	10
5	17	8	22	10	25	13
6	19	10	25	15	29	20
7	21	13	27	18	32	25
8	24	15	31	23	34	30
1+	27	18	34	28	39	36
2+	30	23	39	30	44	41

Dial-a-Flo™ 180°, 5 stream Emitters						
Position	Pressure: 1.4 bar		Pressure: 2.1 bar		Pressure: 2.8 bar	
	Flow rate (lph)	Radius (cm)	Flow rate (lph)	Radius (cm)	Flow rate (lph)	Radius (cm)
0	0	0	0	0	0	0
1	14	0	19	0	22	0
2	24	0	31	31	36	46
3	36	46	47	61	54	91
4	40	53	52	76	61	107
5	43	61	56	91	65	122
6	46	69	59	107	69	137
7	49	76	63	122	72	145
8	51	84	65	132	76	150
1+	53	89	69	137	79	155
2+	54	91	71	142	82	158

Dial-a-Flo™ 360°, Fan Spray Emitters						
Position	Pressure: 1.4 bar		Pressure: 2.1 bar		Pressure: 2.8 bar	
	Flow rate (lph)	Radius (cm)	Flow rate (lph)	Radius (cm)	Flow rate (lph)	Radius (cm)
0	0	0	0	0	0	0
1	14	0	19	0	22	0
2	24	0	31	31	36	46
3	36	46	47	61	54	91
4	40	53	52	76	61	107
5	43	61	56	91	65	122
6	46	69	59	107	69	137
7	49	76	63	122	72	145
8	51	84	65	132	76	150
1+	53	89	69	137	79	155
2+	54	91	71	142	82	158

Dial-a-Flo™ Umbrella Bubbler Emitters						
Position	Pressure: 1.4 bar		Pressure: 2.1 bar		Pressure: 2.8 bar	
	Flow rate (lph)	Radius (cm)	Flow rate (lph)	Radius (cm)	Flow rate (lph)	Radius (cm)
0	0	0	0	0	0	0
1	14	0	19	0	22	0
2	24	0	31	0	36	0
3	36	0	47	0	54	3
4	40	0	52	3	61	5
5	43	3	56	3	65	8
6	46	3	59	5	69	8
7	49	3	63	5	72	10
8	51	3	65	8	76	10
1+	53	5	69	8	79	13
2+	54	5	71	10	82	13

Technical Information

VF Adjustable Hydro-Flo™ and Micro-Flo™ Emitters Flow Rates (product on page 70)

VF Adjustable Hydro-Flo™ Emitters			
Radius (m)	Flow rate (lph)		
	90°	180°	360°
0.3	-	-	15.1
0.6	-	24.6	21.6
0.9	46.9	31.4	29.5
1.2	54.9	38.6	39.7
1.5	61.3	45.8	48.1
1.8	70.4	54.9	56.0
2.1	76.1	64.7	63.6
2.4	87.1	82.5	68.1
2.7	95.8	99.9	80.3
3.0	104.5	-	89.0
3.4	110.9	-	96.9
3.7	-	-	104.5

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

Distinct Emitters Flow Rates (products on pages 70 & 71)

Emitter	Pattern	Pressure (bar)						
		0.7	1.0	1.4	1.7	2.1	2.8	4.1
Hydroport™	4 port outlet	27 (max)	38 (max)	45 (max)	49 (max)	53 (max)	61 (max)	76 (max)
	8 port outlet	27 (max)	38 (max)	45 (max)	49 (max)	53 (max)	61 (max)	76 (max)
Super-Flo™	TAE 10	2.1	2.6	3.0	3.4	3.7	-	-
	TAE 20	5.1	6.1	6.9	8.0	9.0	-	-
	TAE 40	9.0	11.0	12.6	14.0	15.0	-	-

Note: Flow in l/h

Distinct Emitters Flow Rates & Radius (products on pages 70 & 71)

Emitter	Pattern	Pressure: 1.0 bar		Pressure: 1.4 bar		Pressure: 1.7 bar		Pressure: 2.1 bar	
		Flow rate (lph)	Radius (m)	Flow rate (lph)	Radius (m)	Flow rate (lph)	Radius (m)	Flow rate (lph)	Radius (m)
Hidro-Flo™ Jet	TFB 50	52	2.4	60	2.7	67	2.7	74	3.0
	TFB 60	76	2.4	88	2.7	100	3.0	109	3.4
	TFB 70	125	2.7	142	3.0	161	3.4	176	3.7
	TF 436	33	1.4	39	1.5	44	1.7	49	1.7
	TF 536	52	1.5	60	1.7	67	1.8	74	1.8
	TF 636	76	1.5	88	1.7	100	1.8	109	2.0
	TF 418	33	1.1	39	1.2	44	1.4	49	1.5
	TF 518	52	1.2	60	1.4	67	1.5	74	1.7
	TF 618	76	1.4	88	1.5	100	1.7	109	1.8
	TF 49	27	1.4	39	1.5	44	1.7	49	1.8
	TF 59	33	1.4	60	1.7	67	1.8	74	2.0
	TF 69	52	1.5	88	1.7	100	1.8	109	2.0
Tri-Flo™ Spray Stick	90° 3 Flow - Low	18	0.3	20	0.5	23	0.6	-	-
	90° 3 Flow - Mid	27	0.5	30	0.6	34	0.8	-	-
	90° 3 Flow - High	36	0.9	40	1.1	45	1.2	-	-
	160° 3 Flow - Low	27	0.5	30	0.6	34	0.8	-	-
	160° 3 Flow - Mid	36	0.8	40	0.9	45	1.1	-	-
	160° 3 Flow - High	54	1.1	60	1.2	68	1.4	-	-

Drip Accessories

Additional products to complement your drip irrigation installations

Drip Accessories

Pressure-Regulating Y Filter		Color: Black		
EMA part number	USA reference	Model	Ø DN	
0800 6410 225	PRYF 30	Regulation to 2.1 bar	3/4" Thread	1 / 5
0800 6410 226	PRYF 40	Regulation to 2.8 bar	1" Thread	1 / 5

Pressure-Regulators		Color: Black 3/4" FIPT Thread		
EMA part number	USA reference	Model	Flow (lpm)	
0800 6410 222	PR 20	Regulation to 1.4 bar	0.4-30	10 / 50
0800 6410 223	PR 30	Regulation to 2.1 bar	0.4-30	10 / 50
0800 6410 224	PRM 30	Regulation to 2.1 bar	8-76	10 / 50

Stake Assemblies		Color: Black 60 cm Vinyl Tubing with Connector and 30 cm Plastic Stake		
EMA part number	USA reference	Model	Packaging (Units)	
0800 6410 290	TA 24-4	No Jet	200	
0800 6410 293	TA 24-7	Valve for flow adjustment	200	

Automatic Flush Valve for 16 mm tubing		Color: Black with Green Ring	
EMEA part number	USA reference	Pattern	
0800 6410 194	FVA 600	Closes at 0.5 bar	25 / 500

Figure 8 End Closure for 16 mm to 18 mm tubing		Color: Black	
EMEA part number	USA reference	Pattern	
0800 6410 184	F 870		25 / 500

Sod Staples 15 cm			
EMEA part number	USA reference	Pattern	
0800 6410 370	FW6 / 100	Flat Top	100
0800 6410 373	SW6 / 100	Round Top	100

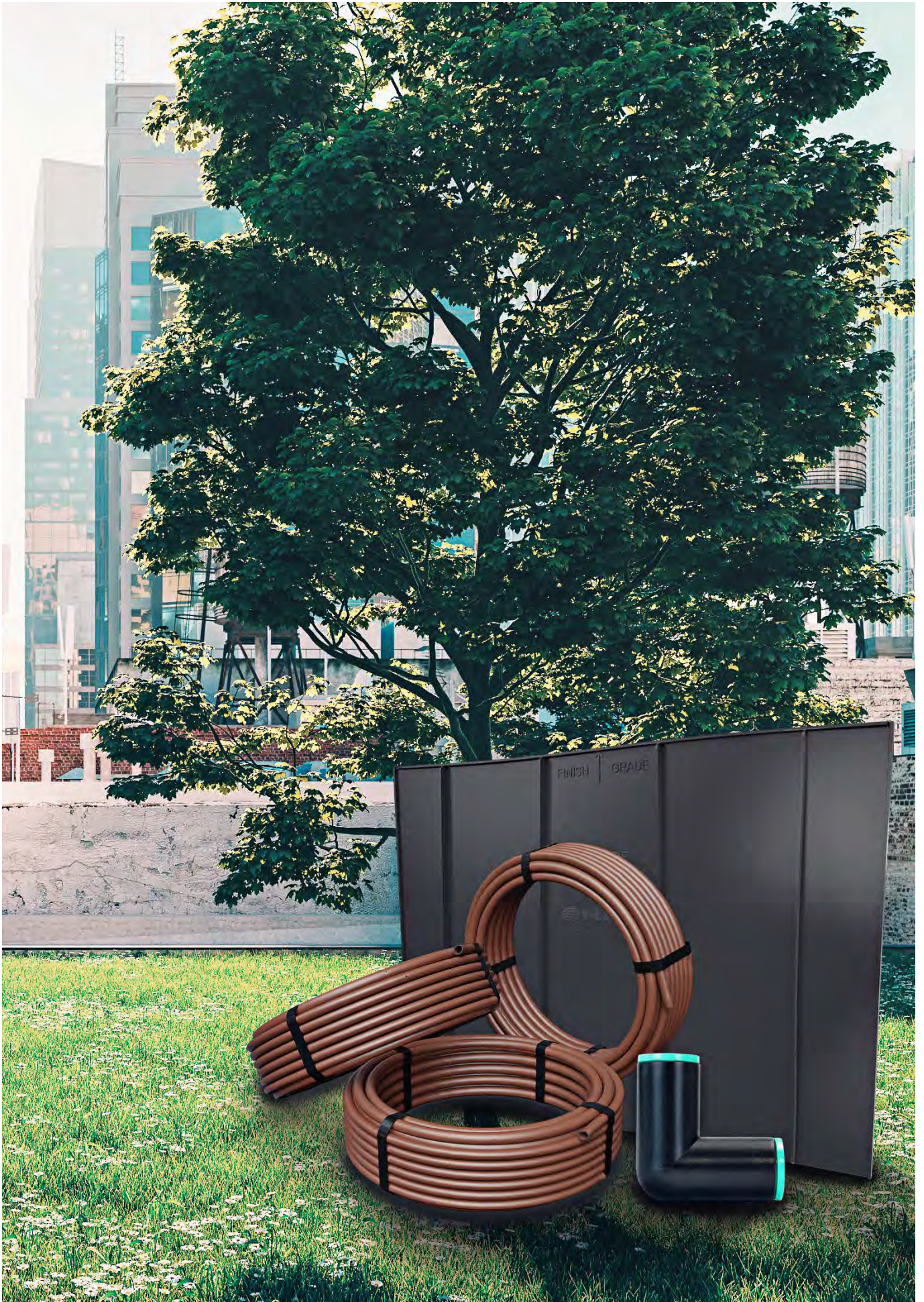
Stakes 15cm		Color: Black	
EMEA part number	USA reference	Pattern	
0800 6410 271	S 6	To Hold Down 6mm tubing	100 / 3,000

Drip Accessories

Manual Valves		Color: Black		
EMEA part number	USA reference	Pattern	Ø DN	
0800 6410 215	MV 25	Barb × Barb	1/4"	100 / 500
0800 6410 216	MVT 25	Thread × Thread; fits 6mm risers	1/4"	100 / 500
0800 2410 073	BV 75	Ball Valve	3/4" (FHT × MHT)	25 / 150

Air/Vacuum Release Valves		Color: Black		
EMEA part number	USA reference	Ø DN	Packaging (Units)	
			Bag Qty. / Box Qty.	
0800 6410 383	AVRV 50	1/2" MIPT inlet	25 / 100	

Hole Punches				
EMEA part number	USA reference	Model	Color	
				Packaging (Units)
				Bag Qty. / Box Qty.
0800 6410 199	HP 100	For 3 mm fittings	Blue	10 / 150
0800 6410 200	HP 125	Hole Punch for Dial-a-Flo™; Super-Flo™; and 6 mm fittings	Green	10 / 150



03 Valve Boxes

NORMA and 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 valve boxes and lids contain UV inhibitors for sustained durability and performance in direct sunlight.



Categories & Key Products



NDS® Pro-Spec™ Series

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 color combinations
- UV resistance

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NORMA Valve Boxes NEW RANGE

Residential and Light Commercial Grade

- Lid shovel access slot for easy removal
- Knockouts for easy pipe access slots
- Locking system
- 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 color 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 100

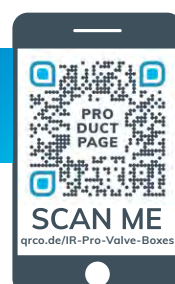


NORMA PN 10
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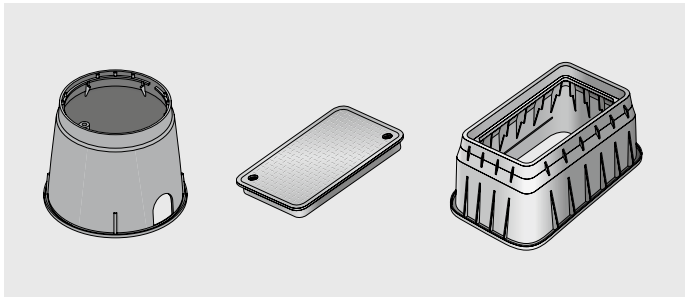


NORMA PC Dripline
Page 56

DISCOVER
MORE!



Technical Information



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.

Applications

Best range in the market for all high-end demanding applications like public parks, sports fields, golf courses and other public areas.

Material

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

NDS Pro-Spec™ Series Valve Boxes

10" Round Corrugated Valve Boxes



EMEA part number	USA reference	Model	Color		Diameter		Pallet quantity (pcs)
			Box	Cover	Top (cm)	Bottom (cm)	
Box & Cover							
0800 2730 001	311BCB	Box with Overlapping Cover and Bolt – ICV	●	●	26	33	132
0800 2730 003	312BCB	Box with Overlapping Cover and Bolt – ICV	●	●	132	132	132
0800 2730 006	311BCR	Box with Overlapping Cover – Reclaimed Water	●	●	132	132	132
Cover only							
0800 2730 009	311C	Overlapping Cover – ICV		●	25		200
0800 2730 010	311C BLK	Overlapping Cover – ICV		●	25		200
0800 2730 011	311C BRN	Overlapping Cover – ICV		●	25		200
0800 2730 012	311CSAND	Overlapping Cover – ICV		●	25		200
0800 2730 013	311CR	Overlapping Cover – Reclaimed Water		●	25		200
0800 2730 014	311CRG	Overlapping Cover – Reclaimed Water		●	25		200
Box only							
0800 2730 015	311B	Box	●		26	33	132
0800 2730 016	312B	Box	●		26	33	132
0800 2730 017	312PB	Box	●		25	33	132
Bolt							
0800 2740 031	113BB	2 1/2" × 3/8" SS Bolt					

VALVE BOXES

NDS Pro-Spec™ Series Valve Boxes

14" × 19" Rectangular Corrugated Valve Boxes



EMEA part number	USA reference	Model	Color		Bottom Size (cm)	Pallet quantity (pcs)
			Box	Cover	W × L × H	
Box & Cover						
0800 2730 018	313BCB	Box with Overlapping Cover and Bolt – ICV			40 × 53 × 31	84
0800 2730 020	314BCB	Box with Overlapping Cover and Bolt – ICV			40 × 53 × 31	84
0800 2730 022	313BCBR	Box with Overlapping Cover and Bolt – Reclaimed Water			40 × 53 × 31	84
Cover only						
0800 2730 027	313C	Overlapping Cover – ICV			28 × 41	300
0800 2730 028	313CBLK	Overlapping Cover – ICV			28 × 41	300
0800 2730 029	313CBRN	Overlapping Cover – ICV			28 × 41	300
0800 2730 030	313CSAND	Overlapping Cover – ICV			28 × 41	300
0800 2730 031	313CR	Overlapping Cover – Reclaimed Water			28 × 41	300
0800 2730 033	313CRG	Overlapping Cover – Reclaimed Water			28 × 41	300
Box only						
0800 2730 034	314B	Box			40 × 53 × 31	84
0800 2730 035	314BBLK	Box			40 × 53 × 31	84
Bolt						
0800 2740 031	113BB	2 1/2" × 3/8" SS Bolt				

NDS Pro-Spec™ Series Valve Boxes

13" x 20" Rectangular Jumbo Corrugated
Valve Boxes

EMEA part number	USA reference	Model	Color		Bottom Size (cm)	Pallet quantity (pcs)
			Box	Cover	W × L × H	
Box & Cover						
0800 2730 036	317BCB	Box with Overlapping Cover and Bolt – ICV	●	●	49 × 64 × 32	56
0800 2730 038	318BCB	Box with Overlapping Cover and Bolt – ICV	●	●	49 × 64 × 32	56
Cover only						
0800 2730 043	317C	Overlapping Cover – ICV		●	38 × 55	180
0800 2730 044	317C BLK	Overlapping Cover – ICV		●	38 × 55	180
0800 2730 045	317C BRN	Overlapping Cover – ICV		●	38 × 55	180
0800 2730 046	317CSAND	Overlapping Cover – ICV		●	38 × 55	180
0800 2730 047	317CR	Overlapping Cover – Reclaimed Water		●	38 × 55	180
Box only						
0800 2730 048	318B	Box	●		49 × 64 × 32	56
0800 2730 049	318B BLK	Box	●		49 × 64 × 32	56
0800 2730 050	318PB	Box	●		49 × 64 × 32	56
Bolt						
0800 2740 031	113BB	2 1/2" × 3/8" SS Bolt				

VALVE BOXES

NDS Pro-Spec™ Series Valve Boxes

13" x 24" Rectangular Super Jumbo Corrugated Valve Boxes



EMEA part number	USA reference	Model	Color		Bottom Size (cm)	Pallet quantity (pcs)
			Box	Cover	W × L × H	
Box & Cover						
0800 2730 052	321BCB-BG	Box with Overlapping Cover and Bolt – ICV	●	●	59 × 83 × 31	10
0800 2730 051	321BCB	Box with Overlapping Cover and Bolt – ICV	●	●	59 × 83 × 31	10
0800 2730 054	325BCB	Box with Overlapping Cover and Bolt – ICV – Tall	●	●	59 × 83 × 38	10
0800 2730 053	322BCB	Box with Overlapping Cover and Bolt – ICV – Tall	●	●	59 × 83 × 38	10
0800 2730 055	322PBCBR	Box with Overlapping Cover and Bolt – Reclaimed Water	●	●	59 × 83 × 31	10
Cover only						
0800 2730 056	322C	Overlapping Cover – ICV		●	39 × 63	125
Box only						
0800 2730 057	321B	Box	●		59 × 83 × 31	10
0800 2730 058	322B	Box – Tall	●		59 × 83 × 38	10
0800 2730 059	325B	Box – Tall	●		59 × 83 × 38	10
Bolt						
0800 2740 060	121BB	3/8" × 3" SS Bolt				

NDS Pro-Spec™ Series Valve Boxes

17" x 30" Rectangular Maxi Jumbo Corrugated Valve Boxes



EMEA part number	USA reference	Model	Color		Bottom Size (cm)	Pallet quantity (pcs)
			Box	Cover	W × L × H	
Box & Cover						
0800 2730 062	324BCB-BG	Box with Overlapping Cover and Bolt – ICV	●	●	70 × 104 × 38	5
0800 2730 061	324BCB	Box with Overlapping Cover and Bolt – ICV	●	●	70 × 104 × 38	5
0800 2730 064	326BCB-BG	Box with Overlapping Cover and Bolt – ICV – Tall	●	●	70 × 104 × 46	5
0800 2730 063	326BCB	Box with Overlapping Cover and Bolt – ICV – Tall	●	●	70 × 104 × 46	5
Cover only						
0800 2730 066	323C	17" x 30" Overlapping Cover – ICV		●	49 × 82	75
0800 2730 067	323CR	17" x 30" Overlapping Cover – Reclaimed Water		●	49 × 82	75
Box only						
0800 2730 068	324B	Box	●		70 × 104 × 38	5
0800 2730 069	324B BLK	Box	●		70 × 104 × 38	5
0800 2730 070	326B	Box – Tall	●		70 × 104 × 46	5
0800 2730 071	326B BLK	Box – Tall	●		70 × 104 × 46	5

ICV: Irrigation Control Valve (international reference for Irrigation Valve Boxes)

NORMA Valve Boxes NEW RANGE

Ideal solution for residential and light commercial applications

- ✓

Resistant to heavy loads
- ✓

Fast access to the boxes with the easy open solutions
- ✓

UV resistance
- ✓

Injection molded polypropylene construction
- ✓

Locking system included in rectangular valve boxes
- ✓

For use in residential and light commercial applications

NORMA Valve Boxes

Valve Box with 3/4" Manual Valve						
EMEA part number	Model	Color		Diameter (cm)	Pallet quantity	
		Box	Cover	Top / Bottom		
Box & Cover						
0894 3101 001	Box with Overlapping Cover and 3/4 Brass Manual Valve	●	●	21 / 18	540	
Cover only						
0894 3101 002	Overlapping Cover		●			

6" Round Valve Boxes



EMEA part number	Model	Color		Diameter (cm)	Pallet quantity
		Box	Cover	Top / Bottom	
Box & Cover					
0894 3101 011	Box with Overlapping Cover			16 / 20	600
Cover only					
0894 3101 012	Overlapping Cover			16	

NORMA Valve Boxes

10" Round Valve Boxes



EMEA part number	Model	Color		Diameter (cm)	Pallet quantity
		Box	Cover	Top / Bottom	
Box & Cover					
0894 3101 021	Box with Overlapping Cover and Bolt			24 / 32	300
Cover only					
0894 3101 022	Overlapping Cover			24	

14" x 19" Rectangular Valve Boxes



EMEA part number	Model	Color		Bottom Size (cm)	Pallet quantity
		Box	Cover	W × L × H	
Box & Cover					
0894 3101 031	Box with Overlapping Cover and Bolt			39 × 50 × 30	168
Cover only					
0894 3101 032	Overlapping Cover			26 × 38	

13" x 20" Rectangular Jumbo Valve Boxes



EMEA part number	Model	Color		Bottom Size (cm)	Pallet quantity
		Box	Cover	W × L × H	
Box & Cover					
0894 3101 041	Box with Overlapping Cover			49 × 63 × 30	116
Cover only					
0894 3101 042	Overlapping Cover			37 × 53	

NDS Standard Series

High-quality valve boxes designed for longevity

- ✓

Reinforced covers for heavy loads
- ✓

Integrated nut for bolt down capacity
- ✓

One piece molded polyolefins
(polyethylene and polypropylene)
- ✓

UV resistance
- ✓

For use in residential and commercial applications
- ✓

Overlapping covers prevent dirt and grass from
setting in between body and cover

NDS Standard Series Valve Boxes

6" Round Valve Boxes



EMEA part number	USA reference	Model	Color		Diameter		Pallet quantity (pcs)
			Box	Cover	Top (cm)	Bottom (cm)	
Box & Cover							
0800 2740 004	107BC	Box with Overlapping Cover – ICV			17	21	250
0800 2740 091	108BC	Box with Overlapping Cover – ICV			17	21	250
0800 2740 008	107BCR	Box with Overlapping Cover – Reclaimed Water			17	21	250
Cover only							
0800 2740 009	107C	Overlapping Cover – ICV			16		800
0800 2740 093	107C BLK	Overlapping Cover – ICV			16		800
0800 2740 094	107C BRN	Overlapping Cover – ICV			16		800
0800 2740 010	107C SAND	Overlapping Cover – ICV			16		800
0800 2740 012	107CR	Overlapping Cover – Reclaimed Water			16		800
Box only							
0800 2740 002	107B	Box			17	21	250
0800 2740 095	108B	Box			17	21	250

NDS Standard Series Valve Boxes

10" Round Valve Boxes							
EMEA part number	USA reference	Model	Color		Diameter		Pallet quantity (pcs)
			Box	Cover	Top (cm)	Bottom (cm)	
Box & Cover							
0800 2740 021	111BCB	Box with Overlapping Cover and Bolt – ICV	●	●	24	33	180
0800 2740 096	112BCB	Box with Overlapping Cover and Bolt – ICV	●	●	24	33	180
0800 2740 023	111BCR	Box with Overlapping Cover – Reclaimed Water	●	●	24	33	180
Cover only							
0800 2740 024	111C	Overlapping Cover – ICV		●	24		300
0800 2740 100	111C BLK	Overlapping Cover – ICV		●	24		300
0800 2740 101	111C BRN	Overlapping Cover – ICV		●	24		300
0800 2740 025	111C SAND	Overlapping Cover – ICV		●	24		300
0800 2740 026	111CR	Overlapping Cover – Reclaimed Water		●	24		300
0800 2740 102	111CRG	Overlapping Cover – Reclaimed Water		●	24		300
Box only							
0800 2740 017	111B	Box	●		24	33	180
0800 2740 028	112B	Box	●		24	33	180
Bolt							
0800 2740 018	111BB	1 1/4" × 5/16" SS Bolt					

VALVE BOXES

NDS Standard Series Valve Boxes

14" × 19" Rectangular Valve Boxes						
EMEA part number	USA reference	Model	Color		Bottom Size (cm)	Pallet quantity (pcs)
			Box	Cover	W × L × H	
Box & Cover						
0800 2740 034	113BCB	Box with Overlapping Cover and Bolt – ICV	●	●	41 × 53 × 31	78
0800 2740 105	114BCB	Box with Overlapping Cover and Bolt – ICV	●	●	41 × 53 × 31	78
0800 2740 035	113BCR	Box with Overlapping Cover – Reclaimed Water	●	●	41 × 53 × 31	78
0800 2740 043	115	Extension with Overlapping Cover – ICV	●	●	34 × 55 × 17	49
0800 2740 104	115BCR	Extension with Overlapping Cover – Reclaimed Water	●	●	34 × 55 × 17	49
Cover only						
0800 2740 036	113C	Overlapping Cover – ICV		●	28 × 41	300
0800 2740 111	113C BRN	Overlapping Cover – ICV		●	28 × 41	300
0800 2740 037	113C SAND	Overlapping Cover – ICV		●	28 × 41	300
0800 2740 112	113CB	Overlapping Cover – ICV		●	28 × 41	300
0800 2740 038	113CR	Overlapping Cover – Reclaimed Water		●	28 × 41	300
0800 2740 114	113CRG	Overlapping Cover – Reclaimed Water		●	28 × 41	300
Box only						
0800 2740 030	113B	Box	●		41 × 53 × 31	78
0800 2740 041	114B	Box	●		41 × 53 × 31	78
0800 2740 029	113-6	Extension	●		34 × 55 × 17	49
0800 2740 115	114-6	Extension	●		34 × 55 × 17	49
Bolt						
0800 2740 031	113BB	2 1/2" × 3/8" SS Bolt				

NDS Standard Series Valve Boxes

13" × 20" Rectangular Jumbo Valve Boxes						
EMEA part number	USA reference	Model	Color		Bottom Size (cm)	Pallet quantity (pcs)
			Box	Cover	W × L × H	
Box & Cover						
0800 2740 047	117BC	Box with Overlapping Cover – ICV	●	●	48 × 65 × 31	56
0800 2740 052	118BC	Box with Overlapping Cover – ICV	●	●	48 × 65 × 31	56
0800 2740 053	119	Extension with Overlapping Cover – ICV	●	●	45 × 61 × 17	32
Cover only						
0800 2740 049	117C	Overlapping Cover – ICV		●	13" × 20"	180
0800 2740 120	117C BRN	Overlapping Cover – ICV		●	13" × 20"	180
0800 2740 050	117C SAND	Overlapping Cover – ICV		●	13" × 20"	180
0800 2740 121	117 CB	Overlapping Cover – ICV		●	13" × 20"	180
0800 2740 122	117CR	Overlapping Cover – Reclaimed Water		●	13" × 20"	180
Box only						
0800 2740 046	117B	Box	●		48 × 65 × 31	56
0800 2740 125	118B	Box	●		48 × 65 × 31	56
0800 2740 123	117-6	Extension	●		45 × 61 × 17	32
0800 2740 124	118-6	Extension	●		45 × 61 × 17	32
Bolt						
0800 2740 031	113BB	2 1/2" × 3/8" SS Bolt				

ICV: Irrigation Control Valve (international reference for Irrigation Valve Boxes)

Technical Information

NDS Pro-Spec™ Series

starting page 82

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

NORMA Valve Boxes

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Valve Box with
3/4" Manual
Valve

6" Round
Valve Boxes

10" Round
Valve Boxes

14" x 19"
Rectangular Standard
Valve Boxes

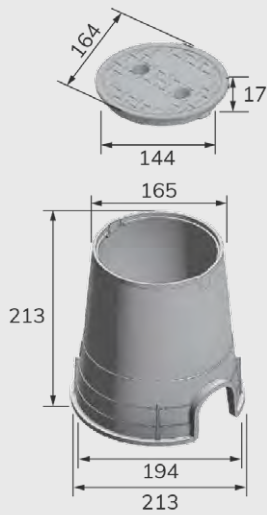
13" x 20"
Rectangular Jumbo
Valve Boxes

Note: All dimensions in cm

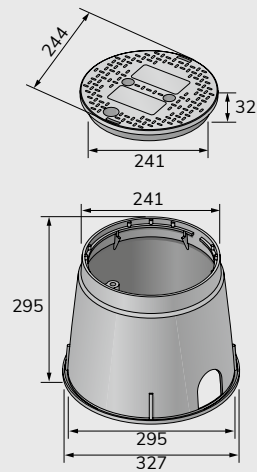
NDS Standard Series

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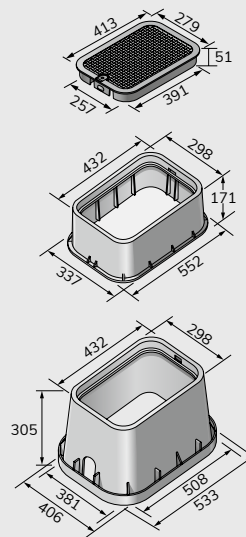
6" Round
Valve Boxes



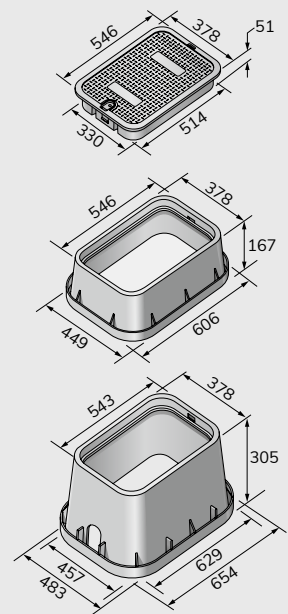
10" Round
Valve Boxes



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 water 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 98](#)



Tree Sustainability Solutions

Protects homeowners from high cost of repairs

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

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EZ Roll™ Grass Paver and Gravel Paver



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

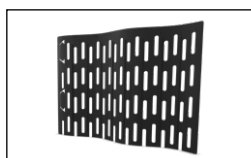


- ✓ Easy installation – EZ Roll™ products come in large rolls that are easy to lay and clip together
- ✓ High performance – UV inhibitors in the polymer prevent breakdown in paver strength
- ✓ High strength – heavy, above average, load capacity
- ✓ Environmentally friendly – EZ Roll™ prevents soil compaction that inhibits healthy root growth
- ✓ Enhanced aesthetics – Pavers blend into the environment, minimizing water runoff and soil erosion
- ✓ Reduced maintenance – less expensive to maintain over time

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



EZ Marker™ Parking Delineator Page 100

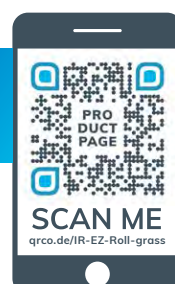


Trunk Protector™ Page 103

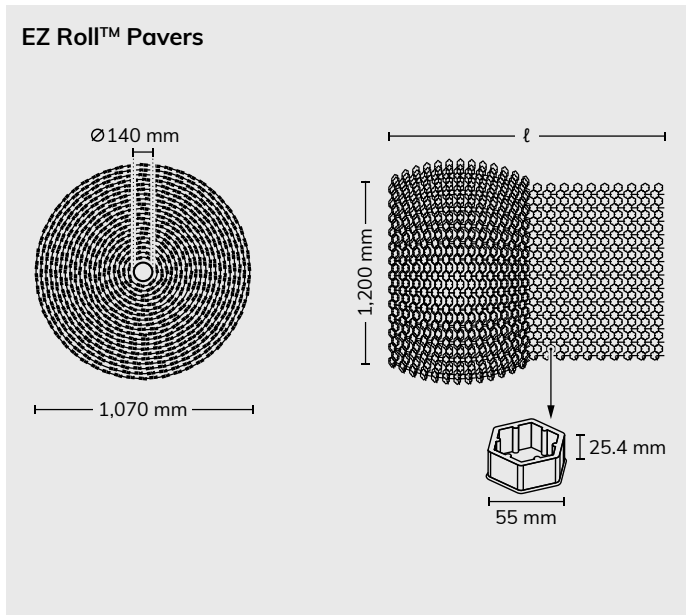


NORMA PC Dripline Page 56

DISCOVER MORE!



Technical Information



Note: Different lengths – please refer to the tables

Applications

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

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

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.

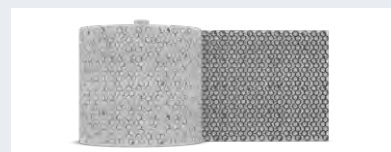
Landscape Solutions – Permeable Pavers

EZ Roll™ Grass Pavers



EMEA part number	USA reference	Color	Size (m)	Area (m²)	Pallet quantity (pcs)
			W × L		
0800 6340 004	EZ4X24	Black	1.2 × 7.3	8.7	6
0800 6340 014	EZ4X110	Black	1.2 × 33.5	40.2	1

EZ Roll™ Gravel Pavers & Stakes



EMEA part number	USA reference	Color	Size (m)	Area (m²)	Pallet quantity (pcs)
			W × L		
0800 6340 015	GP4X110	Black	1.2 × 33.5	40.2	1
0800 6340 009	GP4X150G	Grey	1.2 × 45.4	53.6	1
0800 6340 012	GPSTAKE	Raw Steel			40

TUFFTRACK™ Grass Paver



EMEA part number	USA reference	Color	Size (m)	Area (m²)	Pallet quantity (pcs)
			W × L		
0800 6340 013	TT-24	Black	60 × 60	0.36	132

EZ Marker™ Parking Delineators



EMEA part number	USA reference	Color	Packaging (Units)
			Box Qty.
0800 6340 005	EZMARKER	White	100
0800 6340 006	EZMARKER-B	Blue	100
0800 6340 007	EZMARKER-Y	Yellow	100



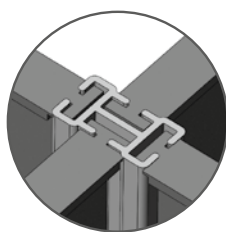
Tree Sustainability Solutions

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'

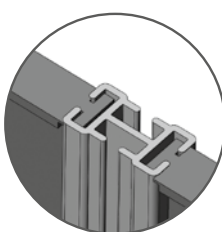
potential to damage sidewalks, driveways, building foundations, etc.

Modular EP Series Root Barrier Panels

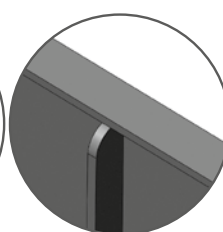
- ✓ Panels with a 10 mm wide "T" top edge and an external ground anchoring base flange 3 mm width
- ✓ Each barrier is a minimum of 2.3 mm thick and is made of up to 50% post-consumer High Impact Polypropylene (HIPP) with UV inhibitors to ensure longevity
- ✓ Barrier Panels with 13 mm raised vertical ribs running perpendicular to the panel and that are 15 mm on center
- ✓ Factory installed independent joiner strips



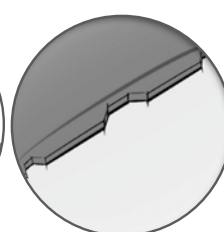
Quad Clip™



Joiner Strips



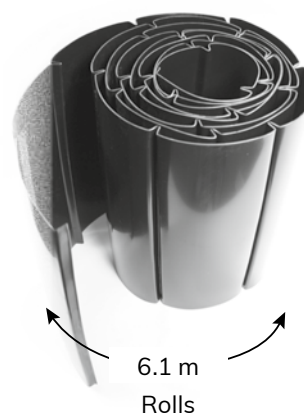
Reinforcing Ribs



Anchor Lock™

Root Barrier Roll

- ✓ Easy and fast to install rolls
- ✓ Manufactured from up to 50% recycled HDPE with UV inhibitors and a thickness of 1–1.5 mm
- ✓ Vertically integrated and flared moulded 90° root deflecting ribs that protrude 13 mm from the wall and are placed 15–20 cm apart
- ✓ Root impervious moulded end that provides easy assembly using staples or a sealant designed to bind to HDPE (dual sided solvent based tape)



6.1 m
Rolls

Landscape Solutions – Root Barriers & Trunk Protector

Modular Root Barrier Panels



EMEA part number	USA reference	Color	Size (cm)	Packaging (Units)
			W × L	Box Qty.
0800 6310 001	EP-1250	Black	30 × 60	25
0800 6310 002	EP-1850	Black	45 × 60	25
0800 6310 003	EP-2450	Black	60 × 60	25
0800 6310 004	EP-3650	Black	90 × 60	25

Root Barrier Rolls



EMEA part number	USA reference	Color	Size (m)	Packaging (Units)
			W × L	Box Qty.
0800 6310 005	SM-1220	Black	0.30 × 6	1
0800 6310 006	SM-1820	Black	0.45 × 6	1
0800 6310 007	SM-2420	Black	0.6 × 6	1
0800 6310 008	SM-3620	Black	0.9 × 6	1

Cover your valuable trees to avoid damage it when cutting the grass or doing other repair actions in your garden

Trunk Protector



EMEA part number	USA reference	Color	Size (cm)	Packaging (Units)
			W × L	Box Qty.
0800 6310 009	TP-128	Grey	20 × 30	50

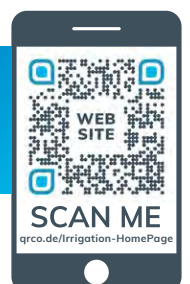


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Your Notes

Your Notes

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