



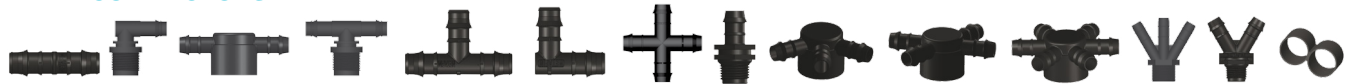
CONNECTOR SELECTION GUIDE 2016

INTRODUCTION

RESISTANT, DURABLE DRIPPERLINE- TO-DRIPPERLINE CONNECTORS

our user-friendly and reliable dripperline connectors prevent leakage for a full range of surface and subsurface drip irrigation installations

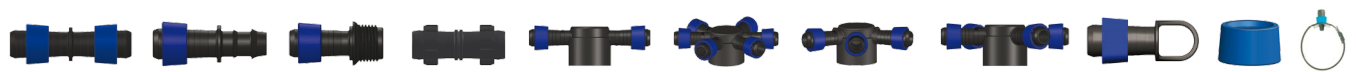
BARB CONNECTORS



Applications: In HWD 0.9, 1.0 and 1.2 mm

Benefits: Easy to install • UV resistant • Durable one-piece construction

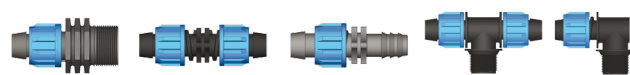
FAST RING CONNECTORS



Applications: In TWD & MWD between 0.135 mm (5.5 mil) and 0.8 mm (32 mil)

Benefits: Highly reliable connector • Very easy to handle • In certain models the connector is supplied in one piece (with rings assembled) • Easily released from the pipe when required • UV resistant

TWIST LOCK CONNECTORS



Applications: In TWD & MWD between 0.1 mm (4 mil) and 0.8 mm (32 mil)

Benefits: An extremely reliable connector (fastened by a nut) • Easily opened (when required) • Extremely long - when SDI is used and a dripperline happens to crack/ blow up needing cut off and repair, it will be relatively easy to connect both ends of the pipe using this connector

START CONNECTORS



Applications: Connecting sub-main line to dripperlines or thick wall PE risers

Benefits: UV-, chemical-resistant polymer body for extended durability • Simple design for easy installation and operation, as well as greater labor savings • Versatile structure for easy installation and minimal maintenance

CONNECTORS TECHNICAL DATA - HEAVY WALL

	DRIPPERLINE	
	INTERNAL DIAMETER (MM)	WALL THICKNESS (MM)
CONNECTORS FOR HWD		
BARB		
12	10.2	1.0 - 1.2
16	14.2	0.9 - 1.2
17	14.6	1.2
20	17.5	1.0 - 1.2
BARB for MINING (PURPLE)		
12	10.2	1.0 - 1.2
16	14.2	0.9 - 1.2
17	14.6	1.2
18	15.5	1.1
20	17.5	1.0 - 1.2

SELECTION GUIDE BY DRIPPERLINES - HEAVY WALL

DRIPPERLINE		BARB CONNECTORS			
		12mm	16mm	17mm	20mm
12	Aries™ 12010	√			
16	Tiran™ 16009		√		
	Tiran™ 16010		√		
	Tiran™ 16012		√		
	Aries™ 16009		√		
	Aries™ 16010		√		
	Aries™ 16012		√		
	UniRam™ 16009		√		
	UniRam™ 16010		√		
	UniRam™ 16012		√		
	DripNet PC™ 16009		√		
	DripNet PC™ 16010		√		
DripNet PC™ 16012		√			
17	UniRam™ 17012			√	
20	Aries™ 20010				√
	Aries™ 20012				√
	UniRam™ 20010				√
	UniRam™ 20012				√
	DripNet PC™ 20010				√
	DripNet PC™ 20012				√

CONNECTORS TECHNICAL DATA - THIN & MEDIUM WALL

	DRIPPERLINE	
	INTERNAL DIAMETER (MM)	WALL THICKNESS (MIL)
CONNECTORS FOR TWD/MWD		
FAST RING		
12 BLUE RING	11.8	6 - 25
16 BLUE RING	16.2	5.5 - 20
16 WHITE RING	15.5	25 - 32
22 BLUE RING	22.2	6 - 15
25 BLACK RING	25.0	13.5 - 15
TWIST LOCK (BLUE NUT)		
16	15.5 / 16.2	5.5 - 25
22	22.2	6 - 25
25	25.0	13.5 - 25

SELECTION GUIDE BY DRIPPERLINES - THIN & MEDIUM WALL

DRIPPERLINE		FAST RING CONNECTORS					TWIST LOCK CONNECTORS		
		12 mm	16 mm	16 mm (white ring)	22 mm	25 mm	16 mm	22 mm	25 mm
12	Streamline™ + 12060	√							
	Streamline™ + 12080	√							
	Super Typhoon™ 12125	√							
	Super Typhoon™ 12150	√							
	Aries™ 12200	√							
	Aries™ 12250	√							
	DripNet PC™ 12125	√							
	DripNet PC™ 12150	√							
	DripNet PC™ 12200	√							
	DripNet PC™ 12250	√							
16	Streamline™ + 16055		√				√		
	Streamline™ + 16060		√				√		
	Streamline™ + 16080		√				√		
	Streamline™ 16100		√				√		
	Streamline™ 16125		√				√		
	Streamline™ 16150		√				√		
	Super Typhoon™ 16080		√				√		
	Super Typhoon™ 16100		√				√		
	Super Typhoon™ 16125		√				√		
	Super Typhoon™ 16150		√				√		
	Aries™ 16200		√				√		
	Aries™ 16250			√			√		
	Aries™ 16007			√					
	Aries™ 16008			√					
	DripNet PC™ 16125		√				√		
	DripNet PC™ 16150		√				√		
DripNet PC™ 16200		√				√			
DripNet PC™ 16250			√			√			
22	Streamline™ + 22060				√			√	
	Streamline™ + 22070				√			√	
	Streamline™ + 22080				√			√	
	Streamline™ 22100				√			√	
	Python™ 22080				√			√	
	Python™ 22100				√			√	
	Python™ 22135				√			√	
	Python™ 22150				√			√	
	Python™ 22250				√			√	
	DripNet PC™ 22135				√			√	
	DripNet PC™ 22150				√			√	
	DripNet PC™ 22250							√	
	25	Aries™ 25135					√		
Aries™ 25150						√			√
Aries™ 25250									√
DripNet PC™ 25135						√			√
DripNet PC™ 25150						√			√
DripNet PC™ 25250									√

BARB CONNECTORS (HWD)



12 MM BARB CONNECTORS

Pipe inside Ø (mm)	Wall thickness (mm)	Wall thickness (mil)	Max. working pressure (bar)	To fit Netafim™ dripperlines
10.2	1.0	39	3.5	Aries™ 12010

For more information, please check page No. 5 in Netafim™ connectors catalogue.

16 MM BARB CONNECTORS

Pipe inside Ø (mm)	Wall thickness (mm)	Wall thickness (mil)	Max. working pressure (bar)	To fit Netafim™ dripperlines
14.2	0.9	35	3.0	UniRam™ 16009, DripNet PC™ 16009, Aries™ 16009
	1.0	39	3.5	UniRam™ 16010, DripNet PC™ 16010*, Aries™ 16010
	1.2	47	4.0	UniRam™ 16012, DripNet PC™ 16012*, Aries™ 16012

* DripNet PC™ maximum working pressure - some DNPC models are limited to 2.5 bar (0.4 & 0.6 LPH), 3.0 bar (1.0 & 1.6 LPH) 3.5 bar (2.5 LPH and above).

For more information, please check page No. 6 in Netafim™ connectors catalogue.

17 MM BARB CONNECTORS

Pipe inside Ø (mm)	Wall thickness (mm)	Wall thickness (mil)	Max. working pressure (bar)	To fit Netafim™ dripperlines
14.6	1.2	47	4.0	UniRam™ 17012

For more information, please check page No. 7 in Netafim™ connectors catalogue.

20 MM BARB CONNECTORS

Pipe inside Ø (mm)	Wall thickness (mm)	Wall thickness (mil)	Max. working pressure (bar)	To fit Netafim™ dripperlines
17.5	1.0	39	3.5	UniRam™ 20010, DripNet PC™ 20010*, Aries™ 20010
	1.2	47	4.0	UniRam™ 20012, DripNet PC™ 20012*, Aries™ 20012

* DripNet PC™ maximum working pressure - some DNPC models are limited to 2.5 bar (0.4 & 0.6 LPH), 3.0 bar (1.0 & 1.6 LPH) 3.5 bar (2.5 LPH and above).

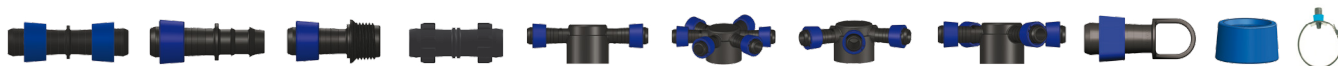
For more information, please check page No. 9 in Netafim™ connectors catalogue.

BARB CONNECTORS 12, 16, 17, 18, 20 MM FOR MINING

Max. working pressure: 3 bar.

For more information, please check page No. 15 in Netafim™ connectors catalogue, or the new Netafim™ mining catalogue.

FAST RING CONNECTORS (TWD & MWD)



12 MM FAST RING CONNECTORS

Pipe inside Ø (mm)	Wall thickness (mm)	Wall thickness (mil)	Max. working pressure (bar)	To fit Netafim™ dripperlines
11.8	0.15	6.0	1.4	Streamline™ + 12060
	0.20	8.0	1.7	Streamline™ + 12080
	0.31	12.5	2.5	Aries™ 12125 , DripNet PC™ 12125
	0.38	15.0	3.0	Aries™ 12150 , DripNet PC™ 12150
	0.50	20.0	3.0	Aries™ 12200 , DripNet PC™ 12200
	0.63	25.0	3.5	Aries™ 12250 , DripNet PC™ 12250*

* DripNet PC™ maximum working pressure - some DNPC models are limited to 2.5 bar (0.4 & 0.6 LPH), 3.0 bar (1.0 & 1.6 LPH) 3.5 bar (2.5 LPH and above).

For more information, please check page No. 17 in Netafim™ connectors catalogue.

16 MM FAST RING CONNECTORS

Pipe inside Ø (mm)	Wall thickness (mm)	Wall thickness (mil)	Max. working pressure (bar)	To fit Netafim™ dripperlines
16.2	0.135	5.5	0.90	Streamline™ + 16055
	0.15	6.0	1.00	Streamline™ + 16060
	0.20	8.0	1.20	Streamline™ + 16080, Super Typhoon™ 16080
	0.25	10.0	1.20	Streamline™ 16100, Super Typhoon™ 16100
	0.31	12.5	1.80	Streamline™ 16125, Super Typhoon™ 16125, DripNet PC™ 16125
	0.38	15.0	2.20	Streamline™ 16150, Super Typhoon™ 16150, DripNet PC™ 16150
15.5	0.50	20.0	2.5	DripNet PC™ 16200, Aries™ 16200
	0.63	25.0	2.8	DripNet PC™ 16250, Aries™ 16250
	0.7	27	2.9	Aries™ 16007
	0.8	32	3.0	Aries™ 16008

For more information, please check page No. 18 in Netafim™ connectors catalogue.

22 MM FAST RING CONNECTORS

Pipe inside Ø (mm)	Wall thickness (mm)	Wall thickness (mil)	Max. working pressure (bar)	To fit Netafim™ dripperlines
22.2	0.15	6.0	0.8	Streamline™ + 22060
	0.18	7.0	0.9	Streamline™ + 22070
	0.20	8.0	1.0	Streamline™ + 22080, Python™ 22080
	0.25	10.0	1.0	Streamline™ 22100, Python™ 22100
	0.34	13.5	1.5	Python™ 22135, DripNet PC™ 22135
	0.38	15.0	1.8	Python™ 22150, DripNet PC™ 22150

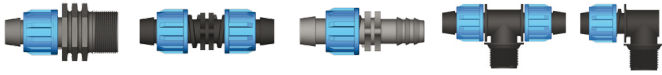
For more information, please check page No. 20 in Netafim™ connectors catalogue.

25 MM FAST RING CONNECTORS

Pipe inside Ø (mm)	Wall thickness (mm)	Wall thickness (mil)	Max. working pressure (bar)	To fit Netafim™ dripperlines
25.0	0.34	13.5	1.1	Aries™ 25135, DripNet PC™ 25135
	0.38	15.0	1.4	Aries™ 25150, DripNet PC™ 25150

For more information, please check page No. 21 in Netafim™ connectors catalogue.

TWIST LOCK (TL) CONNECTORS



16 TWIST LOCK CONNECTORS

Pipe inside Ø (mm)	Wall thickness (mm)	Wall thickness (mil)	Max. working pressure (bar)	To fit Netafim™ dripperlines
16.2	0.135	5.5	0.9	Streamline™ + 16055
	0.15	6.0	1.0	Streamline™ + 16060
	0.20	8.0	1.2	Streamline™ + 16080 , Super Typhoon™ 16080
	0.25	10.0	1.2	Streamline™ 16100 , Super Typhoon™ 16100
	0.31	12.5	1.8	Streamline™ 16125 , Super Typhoon™ 16125 , DripNet PC™ 16125
	0.38	15.0	2.2	Streamline™ 16150 , Super Typhoon™ 16150 , DripNet PC™ 16150
15.5	0.50	20.0	2.5	DripNet PC™ 16200, Aries™ 16200
	0.63	25.0	2.8	DripNet PC™ 16250, Aries™ 16250

For more information, please check page No. 26 in Netafim™ connectors catalogue.

22 TWIST LOCK CONNECTORS

Pipe inside Ø (mm)	Wall thickness (mm)	Wall thickness (mil)	Max. working pressure (bar)	To fit Netafim™ dripperlines
22.2	0.15	6.0	0.8	Streamline™ + 22060
	0.18	7.0	0.9	Streamline™ + 22070
	0.20	8.0	1.0	Streamline™ + 22080, Python™ 22080
	0.25	10.0	1.00	Streamline™ 22100, Python™ 22100
	0.34	13.5	1.50	Python™ 22135, DripNet PC™ 22135
	0.38	15.0	1.80	Python™ 22150, DripNet PC™ 22150
	0.63	25.0	2.50	DripNet PC™ 22250

For more information, please check page No. 26 in Netafim™ connectors catalogue.

25 TWIST LOCK CONNECTORS

Pipe inside Ø (mm)	Wall thickness (mm)	Wall thickness (mil)	Max. working pressure (bar)	To fit Netafim™ dripperlines
25.0	0.34	13.5	1.10	Aries™ 25135 , DripNet PC™ 25135
	0.38	15.0	1.40	Aries™ 25150 , DripNet PC™ 25150
	0.63	25.0	2.00	Aries™ 25250, DripNet PC™ 25250

For more information, please check page No. 26 in Netafim™ connectors catalogue.

START CONNECTORS



Pipe type	Start connector model	Flow rate limitation	Wall thickness (WT) range (mm)	Drilled hole diameter (mm)		Seal type	Suitable drill *
				WT up to 4 mm	WT > 4 mm		
PVC	Model P	Up to 800 (l/h)	2 - 5.5	16	16.5	Model P	16 mm Drill
	Model T	-	2 - 5.5	16	16.5	Model T	16 mm Drill

*Drill catalog number: 45000-002755 Drill bit for PVC pipe 16 mm / dr16

Pipe type	Start connector model	Pipe PN class (bar) *	Punched hole diameter (mm)	Suitable punch ***
PE	Model P**	Up to 5	8 mm	8 mm Punch

*It is recommended to use saddle for pipe class above PN 5 bar

** Model P start connector for PE pipes doesn't require using a seal

***Punch catalog number: 45000-001400 metal punch 8 MM / 0.31