



NETAFIM™ FLEXIBLE PIPES POLYNET™

REINFORCED POLYETHYLENE FLEXIBLE PIPE & FITTINGS



APPLICATIONS:

For use in agricultural, horticultural and portable water application systems.

SPECIFICATIONS:

- Available in 2", 3", 4", 6", 8" 10" and 12" diameters.
- Maximum working pressure: According to pipe diameter and selected start connectors.
- Can be used as transportation blank pipe or as a distribution pipe with integral connectors or with in field assembly start connectors in all the pipes diameters.
- Robust and durable reinforced polyethylene weaves.
- Light gray colored for high solar resistance, high chemical resistance and UV resistance.
- The pipe is made of 100% Polyethylene, totally recyclable material.
- Full line of branching connectors.
- Black strip for easy identification.

FEATURES AND BENEFITS:

- Flat and compact coil design, reduces freight and storage costs.
- Integral connectors reduce significant labor time and increase confidence in the connections between distribution pipes and laterals.
- Light and flexible, easily moved from one installation to another.
- User friendly and faster layout and retrieving process.
- Complete package, pipes, full range of branching connectors and a complete line of connectors for dripperlines and laterals.

POLYNET™ TECHNICAL DATA

POLYNET™	INSIDE DIAMETER (MM)	WALL THICKNESS (MM)	OUTSIDE DIAMETER (MM)	MAX. WORKING PRESSURE (BAR) BLANK PIPE OR WITH INTEGRAL WELDED CONN.	MAX. WORKING PRESSURE (BAR) IN-FIELD START CONN.
2" / 51mm.	51.5	0.85	53.2	2.0	1.2
3" / 78mm.	78.3	0.85	80.0	1.5	1.2
4" / 102mm.	102.5	0.85	104.2	1.5	1.2
6" / 163mm.	163.0	0.85	164.7	1.2	0.8
8" / 209mm.	209.0	0.85	210.7	1.0	0.8
10" / 260mm.	260.0	0.85	261.7	0.8	0.8
12" / 320mm.	320.0	0.85	321.7	0.6	0.5

POLYNET™ BLANK PIPE PACKAGE DATA

POLYNET™	COIL LENGTH (M)	DIMENSIONS WIDTH*DIAMETER (CM*CM)	COIL WEIGHT (KG)	COIL PER PALLET (UNITS)	COIL LENGTH (M)	DIMENSIONS WIDTH*DIAMETER (CM*CM)	COIL WEIGHT (KG)	COIL PER PALLET (UNITS)
2" / 51mm.	100	10.0*78	14	20	50	10.0*57	9	40
3" / 78mm.	100	14.2*78	20	14	50	14.2*57	11	28
4" / 102mm.	100	18.5*78	26	12	50	18.5*57	14	24
6" / 163mm.	100	27.5*78	36	6	50	27.5*57	19	12
8" / 209mm.	100	33.5*78	48	6	50	33.5*57	25	12
10" / 260mm.	100	42.5*78	62	6	50	42.5*57	32	12
12" / 320mm.	100	51.5*78	72	4	50	51.5*57	37	8

* 30 meter coils length can also be ordered

POLYNET™ PIPE WITH INTEGRAL WELDED CONNECTOR PACKAGE DATA

POLYNET™	COIL LENGTH (M)	DIMENSIONS WIDTH*DIAMETER (CM*CM)	COIL WEIGHT (KG)	COIL PER PALLET (UNITS)	COIL LENGTH (M)	DIMENSIONS WIDTH*DIAMETER (CM*CM)	COIL WEIGHT (KG)	COIL PER PALLET (UNITS)
2" / 51mm	100	10.0*78	15	20	50	10.0*57	9	40
3" / 78mm	100	14.2*78	21	14	50	14.2*57	14	28
4" / 102mm	100	18.5*78	27	12	50	18.5*57	21	24
6" / 163mm	100	27.5*78	37	6	50	27.5*57	28	12
8" / 209mm	100	33.5*78	49	6	50	33.5*57	38	12
10" / 260mm	100	42.5*78	63	6	50	42.5*57	48	12
12" / 320mm	100	51.5*78	73	4	50	51.5*57	55	8

* 80 meter coils length can also be ordered

POLYNET™ BLANK PIPES

Catalog number : 43000-(any of bellow 6 digits)

POLYNET™	BLANK PIPE 100 METER	BLANK PIPE 80 METER	BLANK PIPE 50 METER
2" / 51mm	001550	001560	001570
3" / 78mm	001605	001001	000990
4" / 102mm	001115	001105	001101
6" / 163mm	001635	001630	001625
8" / 209mm	001690	001680	001675
10" / 260mm	001780	001770	001760
12" / 320mm	002020	002000	001970

* 80 meter coils length can also be ordered

POLYNET™ PIPES WITH INTEGRAL WELDED CONNECTORS



Catalog number : 43000-(any of bellow 6 digits)

POLYNET™	0.75(M) BETWEEN CONN. 100 METER	0.75(M) BETWEEN CONN. 50 METER	0.90(M) BETWEEN CONN. 100 METER	0.90(M) BETWEEN CONN. 50 METER	1.50(M) BETWEEN CONN. 100 METER	1.50(M) BETWEEN CONN. 50 METER	1.80(M) BETWEEN CONN. 100 METER	1.80(M) BETWEEN CONN. 50 METER
2" / 51mm	015770	015750	015890	015870	016020	016000	016070	016050
3" / 78mm	017350	017520	017630	017620	019860	019850		
4" / 102mm	019894	019893	019897	019896	019945	019935	020120	020110
6" / 163mm	020530	020520	020630	020620	021000	020990	021130	021120
8" / 209mm	021560	021555				021850	022070	022060
10" / 260mm					022278	022276	022298	022295

*Missing catalog numbers available upon request **Other distances between integral welded connectors available upon request *** 80 meter coils length can also be ordered

START CONNECTORS FOR DRIPPERLINES




To use with integral welded connectors

PLN START CONNECTOR	CATALOGUE NO.	
Flare elbow connector 16 X 1/2" 100units/bag	32500-030900	
Flare elbow connector 22 x 1/2" 100units/bag	32500-031500	
Flare "T" connector 16 x 1/2" x 16 100units/bag	32500-033000	
Flare "T" connector 22 x 1/2" x 22 100units/bag	32500-033500	

Each bag include 2 tightening wrenches




POLYNET™ START CONNECTORS FOR DRIPPERLINES

To be use as in field assembly connectors

PLN START CONNECTOR	CATALOGUE NO.	
Ring 16 mm 100 units/bag	32500-024450	
Ring 22 mm 100 units/bag	32500-024200	
Barb 16 mm 100 units/bag	32500-024250	
Barb 17 mm 100 units/bag	32500-024300	
Barb 20 mm 100 units/bag	32500-024350	
3/4" threaded male 100 units/bag	32500-024400	


TOOLS

To be used with in-field start connectors

PRODUCT	CATALOGUE NO.	
Punch 20 mm.	45000-001570	
Hexagonal fastener tool 1/2"	45000-003280	
Tightener tool	45000-001670	

FLATNET™ / POLYNET™ START CONNECTOR

To be use as in-field start connector

PRODUCT	CATALOGUE NO.	
FTN & PLN start connector	32500-042300	


TOOLS

To be used with the in-field start connector

PRODUCT	CATALOGUE NO.	
Punch 16mm. F/FTN/PLN start conn.	45000-001590	
Lay flat driver 3/8 (Netafim™)	45000-003290	
Tightening wrench F/FTN/PLN start conn.	45000-002160	

POLYNET™ FURROW START CONNECTOR

To be use as an in field assembly connector

PRODUCT	CATALOGUE NO.	
Furrow start connector	32500-041000	

TOOLS

To be used with in-field furrow start connectors

PRODUCT	CATALOGUE NO.	
Punch 42 mm.	45000-001580	
Fastener tool f/furrow start connector	45000-001680	
Tightener tool f/furrow start connector	45000-001690	

POLYNET™ CONNECTOR KITS

COUPLING CONNECTION	CATALOG NO.		
2"/51 mm	43040-018000		
3"/78 mm	43040-018150		
4"/102 mm	43040-018300		
6"/160 mm	43020-010750		 <p>Each kit includes 2 rubber gaskets and 2 metal rings</p>
8"/209 mm	43020-010800		
10"/260 mm	43020-010850		
12"/320 mm	43020-010900		
ELBOW CONNECTION			
2"/51 mm	43040-018900		
3"/78 mm	43040-019000		
4"/102 mm	43040-019100		
6"/160 mm	43020-016500	 <p>Each kit includes 2 rubber gaskets and 2 metal rings</p>	
8"/209 mm	43020-016550		
10"/260 mm	43020-016600		
12"/320 mm	43020-016650		
"T" CONNECTION			
2"/51 mm	43040-019500		
3"/78 mm	43040-019600		
4"/102 mm	43040-019700		
6"/160 mm	43020-016730	 <p>Each kit includes 3 rubber gaskets and 3 metal rings</p>	
8"/209 mm	43020-016770		
10"/260 mm	43020-016850		
12"/320 mm	43020-016920		
"T" TRANSITION CONNECTION			
3"-2"-3" (78 mm-51 mm-78 mm)	43040-020100		
4"-3"-4" (102 mm-78 mm-102 mm)	43040-020200		
8"-6"-8" (209 mm-160 mm-209 mm)	43020-016750	 <p>Each kit includes 3 rubber gaskets and 3 metal rings</p>	
10"-8"-10" (260 mm-209 mm-260 mm)	43020-016800		
12"-10"-12" (320 mm-260 mm-320 mm)	43020-016900		
BARB X MTH BSP ADAPTOR			
2"/50 mm	43040-018050		
3"/78 mm	43040-018200		
4"/102 mm	43040-018350		
BARB X PVC SW ISO ADAPTOR			
2"/50 mm - ISO 50/63	43040-018100		
3"/78 mm - ISO 75/90	43040-018250		
4"/102 mm - ISO 110	43040-018400		

POLYNET™ CONNECTOR KITS

TRANSITION CONNECTION		
2"/51 mm - 3"/78 mm	43040-020300	
3"/78 mm - 4"/102 mm	43040-020400	
4"/102 mm - 6"/160 mm	43020-016980	
6"/160 mm - 8"/209 mm	43020-017000	
8"/209 mm - 10"/260 mm	43020-017050	
10"/260 mm - 12"/320 mm	43020-017100	
FLANGE-BARB-FLANGE		 <p>Each kit includes 2 rubber gasket and 2 metal rings</p>
6"/160 mm	43020-013600	
8"/209 mm	43020-013620	
10"/260 mm	43020-013640	<p>Each kit includes 1 rubber gasket and 1 metal rings A flat wood drill bit and 2 metal support rings</p>
FLANGE-BARB		
2"/51 mm	43040-030000	
3"/78 mm	43040-030100	
4"/102 mm	43040-030200	
6"/160 mm	43020-012600	 <p>Each kit includes 1 rubber gasket and 1 metal ring A flat wood drill bit and a metal support ring</p>
8"/209 mm	43020-012620	
10"/260 mm	43020-012640	
12"/302 mm	43020-012645	
FLUSHING END LINE		
2"/51 mm	43020-030300	
3"/78 mm	43020-030400	
4"/102 mm	43020-030500	
6"/160 mm	43020-012780	 <p>Each kit includes 1 rubber gasket and 1 metal ring</p>
8"/209 mm	43020-012800	
10"/260 mm	43020-012820	
12"/302 mm	43020-012830	