



NETAFIM™ FLEXIBLE PIPES FLATNET™

REINFORCED POLYETHYLENE FLEXIBLE PIPE & FITTINGS



APPLICATIONS

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

SPECIFICATIONS

- Available diameters: 2", 3" and 4".
- Maximum working pressure 3.0 bar at 50 Celsius degrees.
- Coil length: 50, 80 or 100 meter.
- Can be used as transportation blank pipe, as a distribution pipe with in-field stat connectors or as a distribution pipe with integral 1/2" female threaded connectors, distance between connectors must be defined at ordering time, according to the user needs.
- Robust and durable reinforced polyethylene weaves.
- White colored for high solar resistance, high chemical resistance and UV resistance.
- The pipe and the integral connectors are made of 100% Polyethylene, totally recyclable material.
- Red strip for easy identification.

FEATURES AND BENEFITS

- Low expansion and zero axial elongation, no snaking.
- 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.
- Up to 80% lighter than other similar products.
- Complete package, pipes, full range of branching connectors and a complete line of connectors for dripperlines and laterals.

FLATNET™ TECHNICAL DATA

FLATNET™	INSIDE DIAMETER (MM)	WALL THICKNESS (MM)	OUTSIDE DIAMETER (MM)	MAX. WORKING PRESSURE (BAR) AT 50 DEGREES CELSIUS
2" / 51mm.	51.5	1.1	53.7	3.0
3" / 78mm.	78.3	1.1	80.5	3.0
4" / 102mm.	102.5	1.1	104.7	3.0

FLATNET™ PACKAGE DATA

FLATNET™	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	9.0*78	16.5	22	50	9.0*57	9.0	36
3" / 78mm.	100	14.0*78	29.5	14	50	14.0*57	15.0	28
4" / 102mm.	100	18.5*78	37.5	12	50	18.5*57	19.0	24

* 80 meter coils length can also be ordered

FLATNET™ BLANK PIPES

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

FLATNET™	BLANK PIPE 100 METER	BLANK PIPE 80 METER	BLANK PIPE 50 METER
2" / 51mm.	000530	000520	000510
3" / 78mm.	000560	000555	000550
4" / 102mm.	000600	000590	000580

FLATNET™ PIPES WITH INTEGRAL WELDED CONNECTORS

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

FLATNET™	0.5(M) BETWEEN CONN. 100 METER	1.0(M) BETWEEN CONN. 100 METER	1.2(M) BETWEEN CONN. 100 METER	1.5(M) BETWEEN CONN. 100 METER	1.8(M) BETWEEN CONN. 100 METER	5.0(M) BETWEEN CONN. 100 METER	8.0(M) BETWEEN CONN. 100 METER	10.0(M) BETWEEN CONN. 100 METER
2" / 51mm.	006200	006800	006900		006980	007240	007275	007360
3" / 78mm.		010015	010030	010050	010100	010225	010280	010300
4" / 102mm.	013870		014035	014050	014100		014270	014300

*Missing catalog numbers available upon request **Other distances between integral welded connectors available upon request

FLATNET™	0.5(M) BETWEEN CONN. 80 METER	1.0(M) BETWEEN CONN. 80 METER	1.2(M) BETWEEN CONN. 80 METER	1.5(M) BETWEEN CONN. 80 METER	1.8(M) BETWEEN CONN. 80 METER	5.0(M) BETWEEN CONN. 80 METER	8.0(M) BETWEEN CONN. 80 METER	10.0(M) BETWEEN CONN. 80 METER
2" / 51mm.	006150	006780	006880		006960	007220	007270	007340
3" / 78mm.		010013	010025	010045	010095	010223	010275	010290
4" / 102mm.	011860		014037	014048	014090		012280	012320




*Missing catalog numbers available upon request **Other distances between integral welded connectors available upon request

FLATNET™	0.5(M) BETWEEN CONN. 50 METER	1.0(M) BETWEEN CONN. 50 METER	1.2(M) BETWEEN CONN. 50 METER	1.5(M) BETWEEN CONN. 50 METER	1.8(M) BETWEEN CONN. 50 METER	5.0(M) BETWEEN CONN. 50 METER	8.0(M) BETWEEN CONN. 50 METER	10.0(M) BETWEEN CONN. 50 METER
2" / 51mm.	006100	006760	006860		006940	007200	007265	007320
3" / 78mm.		008504	008507	008550	008600	008735	008780	008800
4" / 102mm.	011850			012050	012100		012270	012300

*Missing catalog numbers available upon request **Other distances between integral welded connectors available upon request

START CONNECTORS FOR DRIPPERLINES


to use with integral welded connectors

FTN 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	
Flare elbow connector 16-17 X 1/2"	32500-025780	

Each bag include 2 tightening wrenches

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	


FLATNET™ CONNECTORS

CATALOG NUMBER	PRODUCT DESCRIPTION	PRODUCT PICTURE
43040-018000 43040-018150 43040-018300	PLN/FTN Coupling Barb Con. 2" kit PLN/FTN Coupling Barb Con. 3" kit PLN/FTN Coupling Barb Con. 4" kit	
43040-018050 43040-018200 43040-018350	PLN/FTN Barb Con. 2" * MTH BSP 2" kit PLN/FTN Barb Con. 3" * MTH BSP 3" kit PLN/FTN Barb Con. 4" * MTH BSP 4" kit	
43040-018100 43040-018250 43040-018400	PLN/FTN Barb Con. 2" * SW ISO 50/63 kit PLN/FTN Barb Con. 2" * SW ISO 75/90 kit PLN/FTN Barb Con. 2" * SW ISO 110 kit	
43040-018900 43040-019000 43040-019100	PLN/FTN Elbow Barb Con 2" kit PLN/FTN Elbow Barb Con 3" kit PLN/FTN Elbow Barb Con 4" kit	
43040-019200 43040-019300 43040-019400	PLN/FTN Elbow Barb Con 2"*FTH BSP 2" kit PLN/FTN Elbow Barb Con 3"*FTH BSP 3" kit PLN/FTN Elbow Barb Con 4"*FTH BSP 4" kit	
43040-018600 43040-018700 43040-018800	PLN/FTN Barb Con. 2" * FTH BSP 2" kit PLN/FTN Barb Con. 3" * FTH BSP 3" kit PLN/FTN Barb Con. 4" * FTH BSP 4" kit	
43040-020500 43040-020600 43040-020700	PLN/FTN Cap Barb Con 2" kit PLN/FTN Cap Barb Con 3" kit PLN/FTN Cap Barb Con 4" kit	
43040-019500 43040-019600 43040-019700	PLN/FTN Tee Barb Con 2" kit PLN/FTN Tee Barb Con 3" kit PLN/FTN Tee Barb Con 4" kit	
43040-019800 43040-019900 43040-020000	PLN/FTN Tee Barb Con 2" * FTH BSP 2" kit PLN/FTN Tee Barb Con 3" * FTH BSP 3" kit PLN/FTN Tee Barb Con 4" * FTH BSP 4" kit	
43040-020100 43040-020200	PLN/FTN Tee Barb Con 3" * 2" * 3" kit PLN/FTN Tee Barb Con 4" * 3" * 4" kit	
43040-020300 43040-020400	PLN/FTN Reducer Barb Con 3" * 2" kit PLN/FTN Reducer Barb Con 4" * 3" kit	
43040-018500	PLN/FTN Barb Con. 4" * MTH BSP 3" kit	
43040-030000 43040-030100 43040-030200	PLN/FTN Barb con. 2" X Flange ISO 63 kit PLN/FTN Barb con. 3" X Flange ISO 90 kit PLN/FTN Barb con. 4" X Flange ISO 110 kit	

SPARE PARTS, FOR FLATNET™ OLD TYPE CONNECTORS KITS

CATALOG NUMBER	PRODUCT DESCRIPTION	PRODUCT PICTURE
43040-003050 43040-006000	FTN/PLN MALE ADAPTOR 3" FTN/PLN MALE ADAPTOR 4"	
43040-003070 43040-006050	FTN/PLN SPLIT RING 3" FTN/PLN SPLIT RING 4"	
43040-000740 43040-003090 43040-006070	FTN/PLN RUBBER GASKET 2" FTN/PLN RUBBER GASKET 3" FTN/PLN RUBBER GASKET 4"	
43040-003080 43040-006060	FTN/PLN "O" RING 3" FTN/PLN "O" RING 4"	

HYDRAULIC LAYOUT AND RETRIEVING MACHINE

CATALOG NUMBER	PRODUCT DESCRIPTION	PRODUCT DRAW
77200-001110	LAYING & RECOILING MACHINE 2"-4" FTN/PLN	

MANUAL LAYOUT AND RETRIEVING MACHINE

CATALOG NUMBER	PRODUCT DESCRIPTION	PRODUCT DRAW
77200-001130	MANUAL LAYING & RECOILING MACHINE 2"-4" FTN/PLN	