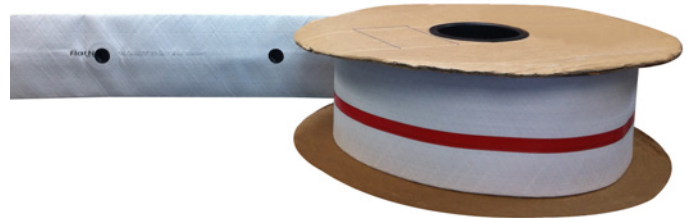


FLATNET™ FLEXIBLE PE DISTRIBUTION PIPE

**FOR HEAP LEACHING
IN MINES**

**REINFORCED 100% POLYETHYLENE PIPE
WITH INTEGRAL THREADED CONNECTORS**
The First Truly Manageable Pipe
for Leach Pads



FLATNET™ IS A REPLACEMENT FOR EXISTING LAY FLAT, PVC AND PE PIPES AND FOR USE IN NEW INSTALLATIONS

FEATURES & BENEFITS

- Flat and compact coil design
 - Easier to work with on the pad
 - Reduces freight, storage and handling costs
- Lightweight and flexible
 - Up to 80% lighter than other types of distribution pipe
 - Conforms to odd shapes and layouts
 - Easy coiling and transport from one location to another
 - Rolls lay out manually or by machine and can be retrieved with mechanized equipment
- Saves labor on the pad
 - No drilling and tapping required for lateral connections
 - No glued PVC couplings or heat fusion welding of HDPE required
 - Only 1 drill and 2 sockets needed to install and retrieve
- Durable factory installed, pre-spaced ½" deep FIPT outlets
 - Eliminates fitting pop-outs common with other products
 - Reduces labor with quality threaded connections that can be used over and over
- Full line of fittings and adapters - most fittings allow for drilling and tapping a ½" thread.
- Fittings are easily removed for pipe rewinding or folding and movement to a new location
- White colored for high solar (UV) resistance
- High chemical resistance
- Enhanced composite fabric structure significantly reduces buckling and expansion (low expansion coefficient) typically seen with lay flat and other flexible pipes
- Reinforced polyethylene weaves increase durability in rocky conditions

APPLICATIONS

- Heap leaching
- Flat or undulating terrain

SPECIFICATIONS

- Size: 4"
- Special Order Sizes: 2" and 3"
- Pre-Installed FIPT Threaded Outlets at 18", 21", 24", 30" and 32" Intervals (Other Spacings Available by Special Order)
- Maximum Recommended System Operating Pressure: 43.5 psi (3 bar) at 122° F (50° C)
- Pipe with Connectors Coil Length: 60m/197' (Other Coil Lengths Available)
- Blank Pipe Coil Length: 50m/164' (Other Coil Lengths Available)



FlatNet laid out with threaded fittings inserted prior to drip laterals being connected and FlatNet with drip laterals connected and at operating pressure.

FLATNET™

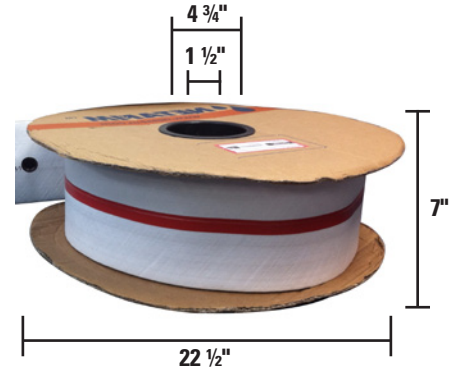
TECHNICAL DATA

FLATNET	INSIDE DIAMETER	WALL THICKNESS	OUTSIDE DIAMETER	MAX. WORKING PRESSURE @ 122° F (50° C)	COILS PER PALLET	COIL WEIGHT (APPROXIMATE)
4" (102mm)	4.04" (102.5mm)	0.04" (1.1mm)	4.12" (104.7mm)	43.5 psi (3 bar)	12	0.25/lb. per ft. (0.11 kg)

INSTALLATION RECOMMENDATION

As with other types of pipe, FlatNet can be damaged by dragging it over rough surfaces. To maximize life expectancy when installing or reinstalling, Netafim recommends laying the FlatNet out by uncoiling or unfolding it directly where it will be located. Do **NOT** uncoil FlatNet from a stationary reel and drag it across the pad.

When removing the pipe, to avoid damage and make it easy to transport and store, Netafim recommends folding or coiling it from the end without dragging it. Either of these methods will help empty the pipe of residual liquid and protect it from damage.



ORDERING INFORMATION - FLATNET™ PIPE *

ITEM NUMBER	DESCRIPTION
43001-001120	FlatNet Pipe 4", 1/2" FIPT Outlets, 18" Spacing, 197' (60m)
43001-001320	FlatNet Pipe 4", 1/2" FIPT Outlets, 21" Spacing, 197' (60m)
43001-001520	FlatNet Pipe 4", 1/2" FIPT Outlets, 24" Spacing, 197' (60m)
43001-001720	FlatNet Pipe 4", 1/2" FIPT Outlets, 30" Spacing, 197' (60m)
43001-001920	FlatNet Pipe 4", 1/2" FIPT Outlets, 32" Spacing, 197' (60m)
43000-000580	FlatNet Blank Pipe 4", 164' (50m)

* Other coil lengths and spacings available by special order.

DIMENSIONS

COIL CORE (OUTER)	CORE CORE (INNER)	WIDTH	HEIGHT
4 3/4"	1 1/2"	22 1/2"	7"

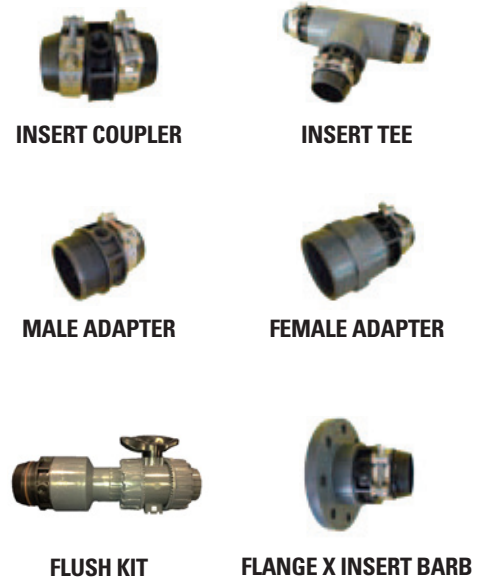
ORDERING INFORMATION - FLATNET™ FITTINGS & TOOLS

ITEM NUMBER	DESCRIPTION
FITTING KITS	
43040-018390	4" MIPT x 4" Barb Adapter Kit with Viton O-Ring and All 316 SST Clamp *
43040-018395	4" FIPT x 4" Barb Adapter Kit with Viton O-Ring and All 316 SST Clamp
43040-030820	4" Insert Barb Coupling Kit with Viton O-Rings and All 316 SST Clamps *
43040-019720	4" Insert Tee Kit with Viton O-Rings and All 316 SST Clamps *
43040-036200	4" Flange x Insert Male Adapter Kit with Viton O-Ring and All 316 SST Clamp *
43040-030520	4" Insert Barbed x Flush Valve Kit with Viton O-Ring and All 316 SST Clamp *
PARTS	
43040-006280	O-Ring Seal Viton 80 x 4.5
43020-010407	4" All 316 Stainless Steel Hose Clamp
45000-000500	Scissors for FlatNet

* Fitting is designed to be drilled and tapped for 1/2" threads.

BRANCHING A 1/2" THREAD

- Use an 18.5mm drill to drill a hole in the designated place
- Use a 1/2" NPT tap to prepare the thread
- Thread the desired accessory into place



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