

FlexNet™

FLEXIBLE PIPE

A revolutionary leak-proof flexible mainline and manifold piping solution that's foldable, moveable, and affordable.



Fast and Simple
Submain Installation &
Retrieval



Leak-proof



Versatile

Better irrigation uniformity means more dollars in your pocket. Don't compromise your irrigation with leaky layflat products. Netafim has the solution - FlexNet - the industry's only leak-proof drip manifold that ensures the integrity and uniformity of your irrigation system. Manufactured with premium polypropylene, FlexNet is durable enough to withstand the toughest conditions. When compared to a typical layflat installation, a grower can save significantly on labor costs. The unique integral welded outlets provide faster layout and retrieval.

Features & Benefits



The fastest and
simplest submain
installation & retrieval



Save time and
money



Leak-proof



Increase
uniformity, gain
yield potential



Lightweight and
portable



Decrease labor
costs



Wide range of
diameters, spacings
and pressure



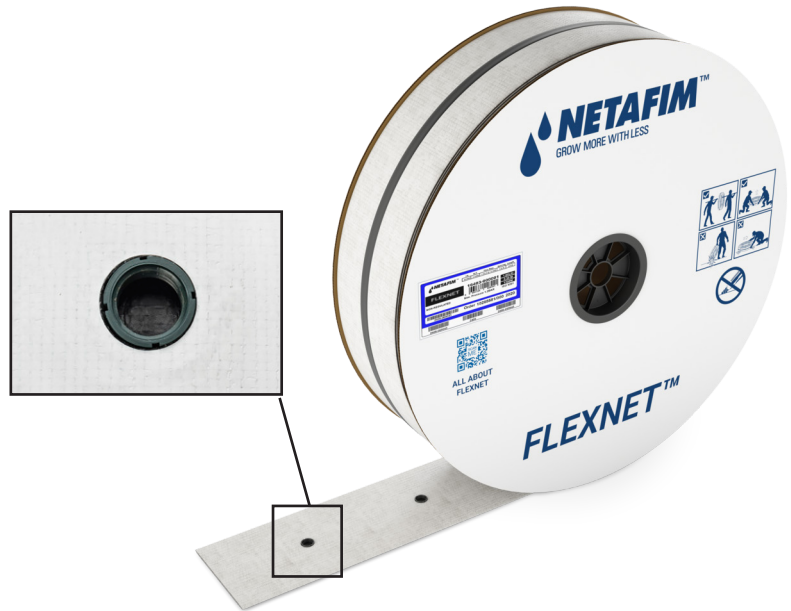
Customize for
your application

Applications

- ✓ Agricultural, Horticultural and Mining
- ✓ Transfer, distribution and manifold pipe
- ✓ Subsurface and on-surface installations
- ✓ Use with thinwall and heavywall driplines
- ✓ Sprinkler system lateral lines

Specifications

- ✓ Sizes: 2", 3", 4", 6" and 8" (10" by special request)
- ✓ Single outlet spacing between 8" - 480"
- ✓ Custom spacing available
- ✓ Skip spacing available
- ✓ 1/2" female threaded integral welded outlets/connectors
- ✓ Coil length: 328' (100 meters)
- ✓ Identification: Black stripe for low pressure (LP) and red stripe for high pressure (HP)
- ✓ UV and chemical resistant



1/2" FEMALE THREADED INTEGRAL WELDED OUTLET/CONNECTOR

FLEXNET LP	MAX PRESSURE (PSI)	FLEXNET HP	MAX PRESSURE (PSI)
2"	36	2"	58
3"	29	3"	58
4"	25	4"	58
6"	20	6"	40
8"	14	8"	29

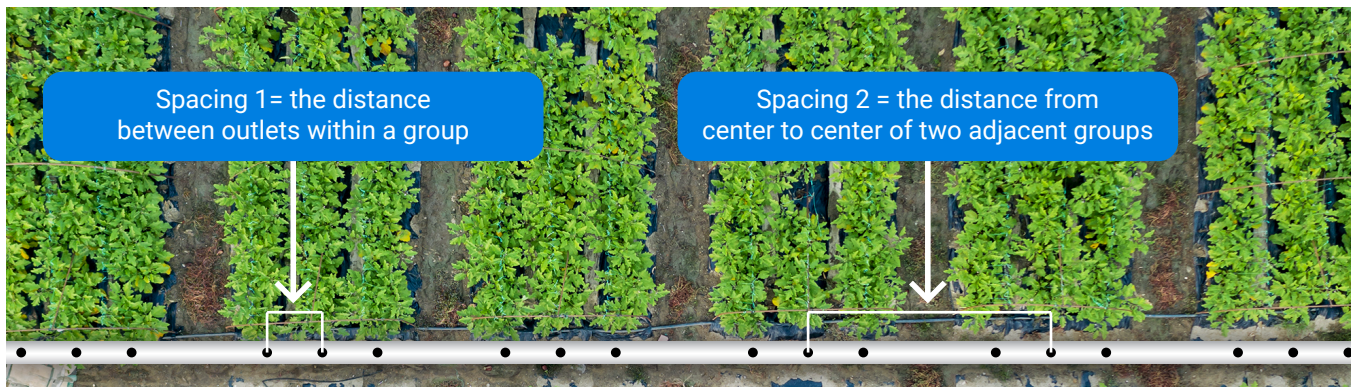
→ FLEXNET VS. OTHER MANIFOLD PIPING OPTIONS

Assembly is quick and easy with integral welded outlets (1/2" female threaded) which are located at pre-determined spacings. Each welded outlet ensures a secure, leak-proof connection and accepts a 1/2" male threaded tee or elbow start connector which attaches the dripline to the FlexNet pipe.

FEATURE	FLEXNET	OVAL HOSE	LAYFLAT
COLLAPSIBLE	✓	✓	✓
WELDED OUTLETS	✓	-	-
LIGHT-WEIGHT	✓	-	-
LONG LIFESPAN	✓	-	-
CAN BE DRIVEN ON	✓	✓	✓
LEAK-PROOF SOLUTION	✓	-	-

→ SKIP SPACING

Example Below: A group of three driplines on beds that measure 60 inches apart with a 10' spray road between the groups of beds. **Spacing 1** is defined as the distance between the beds within one group (60 inches). **Spacing 2** is defined as the distance from the center of one group of beds, to the center of the adjacent group of beds (240 inches).



Fittings & Accessories

COUPLER		RUBBER SEAL		FAST RING ELBOW	
END CAP		STAINLESS STEEL CLAMP		16MM AND 20MM ELBOW	
NPT X BARB KIT		1/2" MPT PLUG		PATCH KIT	
2"-4" SPIGOT X BARB CONNECTOR KIT		1/2" MINI COMBINATION AIR VENT		PATCH KIT ACCESSORIES	
6" & 8" SPIGOT X BARB CONNECTOR KIT		TWIST LOCK TEE		TRANSITION COUPLER	
		TWIST LOCK ELBOW			
		FAST RING TEE			

→ QFLEX RISER

This innovative, kink-resistant and flexible riser provides an ideal solution for connecting thinwall driplines to the submain. It's suitable for on-surface or subsurface applications. One end of the QFlex riser has male threads for connection to FlexNet's 1/2" threaded integral welded connector. The thinwall dripline slips over the other end and is secured with a wire tie. An optional 1/2" male by female threaded elbow connector is also available.



1/2" MPT END CONNECTION FITS IN FLEXNET 1/2" INTEGRAL WELDED CONNECTOR

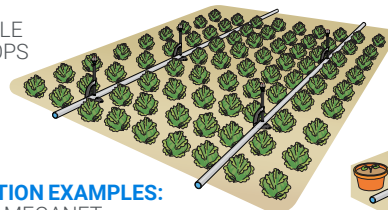
→ MEGASTAND™

High quality, durable sprinkler stand connects to FlexNet flexible pipe. The riser threads into the FlexNet 1/2" integral welded connector for a leak-proof connection. Risers can be combined to increase the sprinkler stand height from 16" to 32" to 48". Three separate pieces make assembly and disassembly quick and easy.

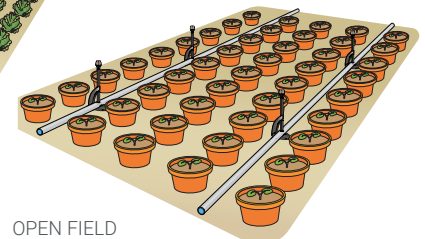


VEGETABLE ROW CROPS

APPLICATION EXAMPLES:
FLEXNET, MEGANET
SPRINKLER ON
MEGASTAND



MEGANET
SPRINKLER ON
MEGASTAND



OPEN FIELD
NURSERY

Technical Information

→ FLEXNET LP SPECIFICATIONS, DIMENSIONS & WEIGHT

SIZE	NOMINAL DIAMETER INSIDE	NOMINAL DIAMETER OUTSIDE	NOMINAL WALL THICKNESS	HEIGHT	WIDTH	COIL WEIGHT* BLANK TUBING	COIL WEIGHT* WELDED OUTLETS
2"	2.0"	2.09"	0.030"	3.9"	27.6	27 LBS	31 LBS
3"	3.1"	3.14"	0.030"	5.6"	27.6	38 LBS	42 LBS
4"	4.0"	4.10"	0.030"	7.3"	27.6	46 LBS	51 LBS
6"	6.4"	6.48"	0.030"	10.8"	27.6	71 LBS	75 LBS
8"	8.2"	8.29"	0.030"	13.2"	27.6	88 LBS	90 LBS

* Based on coil length of 328' (100 meters)

→ FLEXNET HP SPECIFICATIONS, DIMENSIONS & WEIGHT

SIZE	NOMINAL DIAMETER INSIDE	NOMINAL DIAMETER OUTSIDE	NOMINAL WALL THICKNESS	HEIGHT	WIDTH	COIL WEIGHT* BLANK TUBING	COIL WEIGHT* WELDED OUTLETS
2"	2.03"	2.11"	0.043"	3.9"	27.6"	38 LBS	42 LBS
3"	3.08"	3.17"	0.043"	5.5"	27.6"	53 LBS	57 LBS
4"	4.04"	4.12"	0.043"	7.3"	27.6"	68 LBS	71 LBS
6"	6.42"	6.50"	0.043"	10.8"	27.6"	104 LBS	106 LBS
8"	8.23"	8.31"	0.043"	13.2"	27.6"	128 LBS	130 LBS

* Based on coil length of 328' (100 meters)

** Maximum manifold length charts available on the website.