

PolyFlat

PE LAYFLAT HOSE

POLYETHYLENE LAYFLAT FOR IRRIGATION SYSTEMS AND WATER CONVEYING

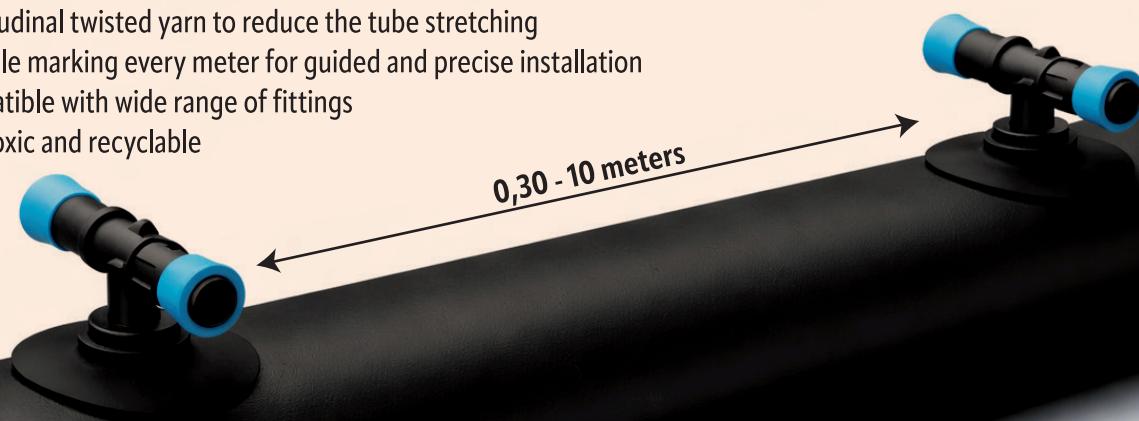


TECHNICAL FEATURES

- "Twisted" polypropylene yarn for high resistance
- High-tech manufacturing process
- Textile polypropylene sock perfectly incorporated in the PE single layer
- Hot pre-welded branch fitting with 1/2" and 3/4" female thread**
- Available diameters from 3 to 6 inches
- Customizable spacing from 30 cm to 10 m, including variable pitch**
- Temperature resistance from -20° C to +50° C
- Top quality raw materials with NON-toxic certification
- UV protection for long life
- Black color to ensure long-term durability

ADVANTAGES

- Easy installation, handling and storage
- Two-thirds lighter than PVC layflat hose
- Great resistance to stretching when in pressure
- Torsion-resistant and no "snake" effect
- Anti-delamination
- Longitudinal twisted yarn to reduce the tube stretching
- Indelible marking every meter for guided and precise installation
- Compatible with wide range of fittings
- Non-toxic and recyclable



APPLICATIONS

Used for drip irrigation or sprinkler systems

Particularly suitable for driplines water supply

Widely used for water conveying in agriculture, industry and building

POLYFLAT LP

NOMINAL DIAMETER	INTERNAL DIAMETER	THICKNESS	COIL LENGTH	COIL WEIGHT	MAX WORKING PRESSURE
inches	mm	mm	mt	kg	bar
1½	40	1,20	100	16	6
2	53	1,30	100	24	6
3	78	1,40	100	36	4
4	105	1,50	100	42	3
5	128	1,60	100*	58	3
6	155	1,80	50	42	2

* The data refer to tests carried out with a water at a temperature of 20° C

POLYFLAT HP

NOMINAL DIAMETER	INTERNAL DIAMETER	THICKNESS	COIL LENGTH	COIL WEIGHT	MAX WORKING PRESSURE
inches	mm	mm	mt	kg	bar
3	78	1,60	100	41	4
4	105	1,70	100	48	4
5	128	2,00	100	72	3

HOT PRE-WELDED BRANCH FITTING

DIAMETERS inches	3 - 4 - 5 - 6										
FITTING SPACING cm	30	40	50	70	80	100	120	140	150	180	200

WITH OFFTAKES, MAX WORKING PRESSURE IS OF 2.0 BAR

CAUTION: for safe use, if water temperature exceeds 30° C the working pressure must be lowered. Working temperature range: -20° C to +40° C

