

# PolyFlat

## PE LAYFLAT HOSE

POLYETHYLENE LAYFLAT  
IDEAL FOR IRRIGATION SYSTEMS  
AND WATER CONVEYING



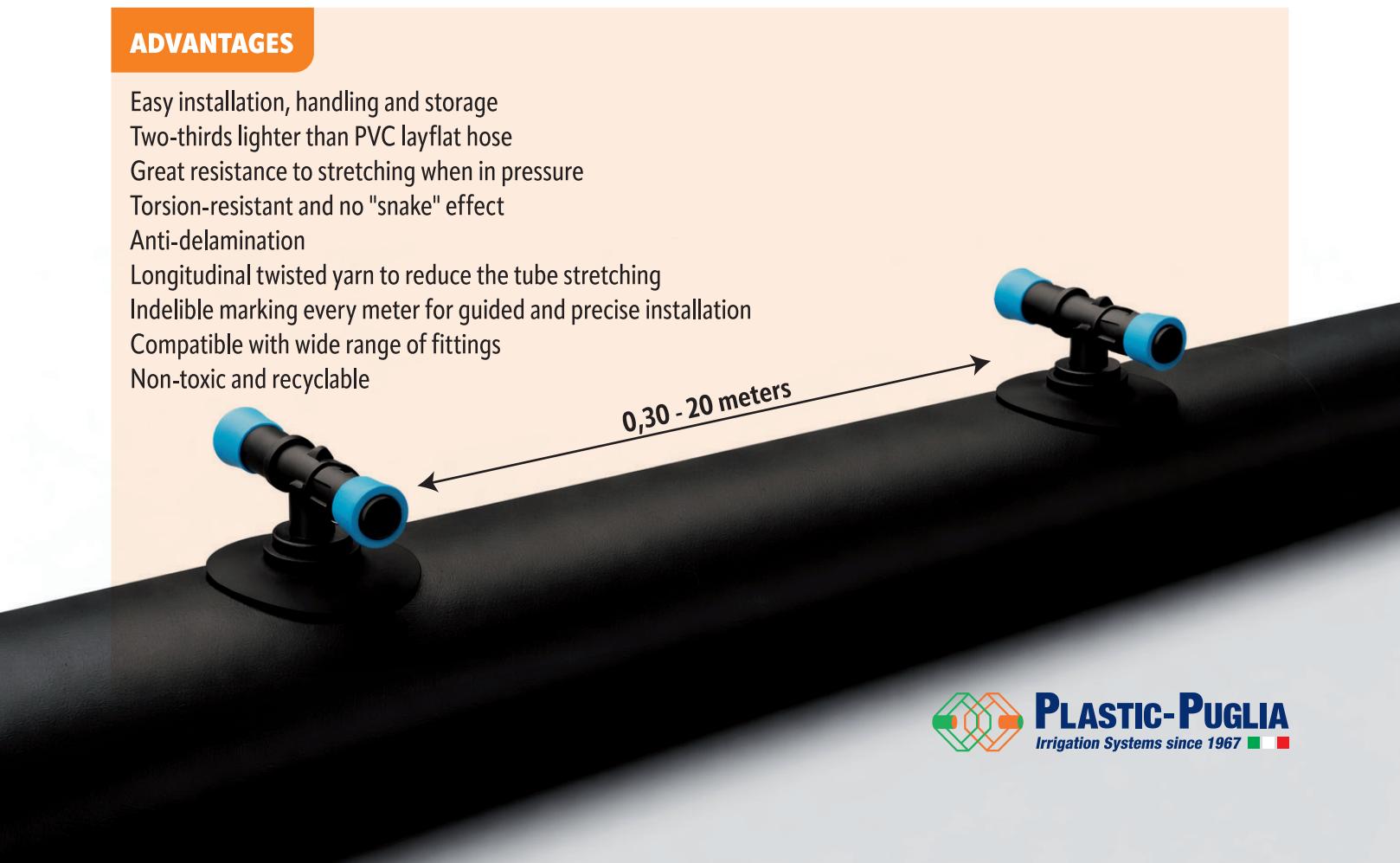
MONOLAYER  
LAYFLAT

### 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  $\frac{1}{2}$ " and  $\frac{3}{4}$ " 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



**PLASTIC-PUGLIA**  
Irrigation Systems since 1967

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### 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
1 1/2	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



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value for  
**water**

