

# Elasto-Fit Flexible Pipe

## Product Technical sheet

### ABOUT

Elasto-Fit is an innovative solution of a flexible riser used for connection of water/drip line pipes.

An advanced HDPE PE100 flexible high-pressure pipe, over-molded with fittings on both ends of the riser which provides a robust and secure solution for any need of flexible connection.

A Large variety of end fittings are available for both sides of the Riser, all manufactured from top engineering materials, with excellent resistance to UV radiation for long term protection in outdoor environments with extensive life span.

### FEATURES

- Record-type solution for safe and easy installation to saddles and any other pipe-start or pipe-end configuration.
- The pipe is made of top quality PE100 HDPE for high pressure resistance, flexibility and kink-free bending.
- Large water passage to avoid drop-loss.
- connects to any Plas-Fit series 150 fittings, provides unlimited variety of pipe-start and pipe-end options.
- Specially designed barb 20mm to connect to thin-wall, medium-wall and thick-wall 20mm drip line.
- Excellent UV resistance for long term protection. Suits for Sub-surface and Surface installations.
- A Repair-Coupling is available.

### TECHNICAL SPECIFICATIONS

- Maximum Pressure resistance: 4 Bar (0-40°C)
- Elongation : Less than 3% (at 4 Bar)
- Minimum Bending radius: 45 mm
- Pipe Inside diameter : 19 mm



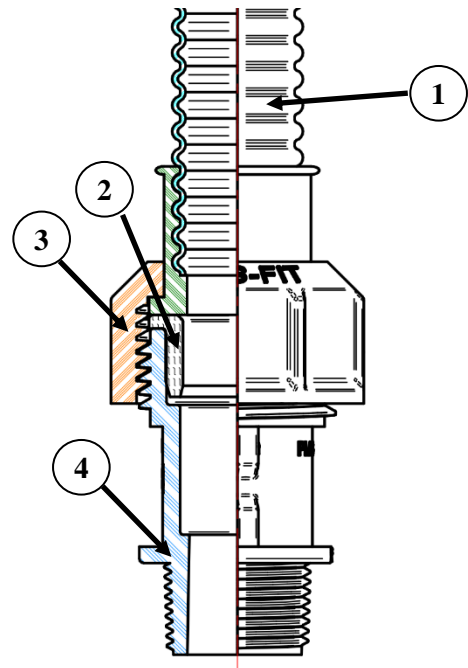
**MATERIALS**

**Pipe-Start Versions**

**Option A : Records with Plas-Fit 150 Series Starter**

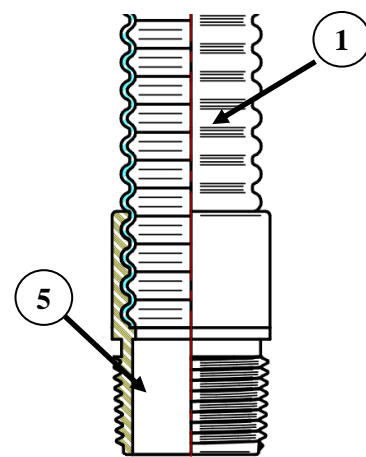
#	Part	Raw Material
1	Flexible pipe	HDPE PE100
2	Record Seal	NBR
3	Record Nut 20mm	Reinforced PP
4	Plas-Fit Series 150 body *	PP

\* Any type of body from Plas-Fit line 150 can be used. 3/4 Male adaptor is shown as an example



**Option B : 3/4" Male Starter**

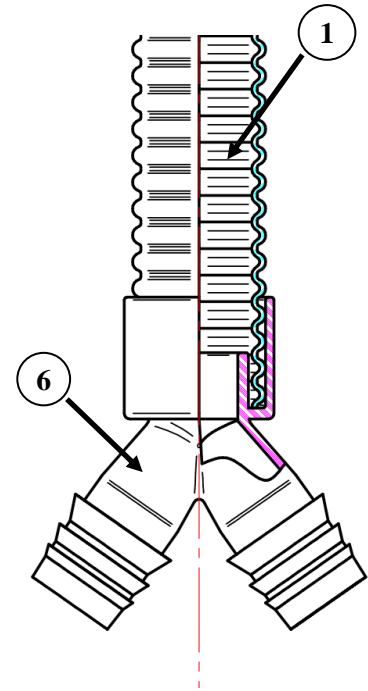
#	Part	Raw Material
1	Flexible pipe	HDPE PE100
5	3/4" Thread (Overmolding)	Reinforced PP



## Pipe-End Versions

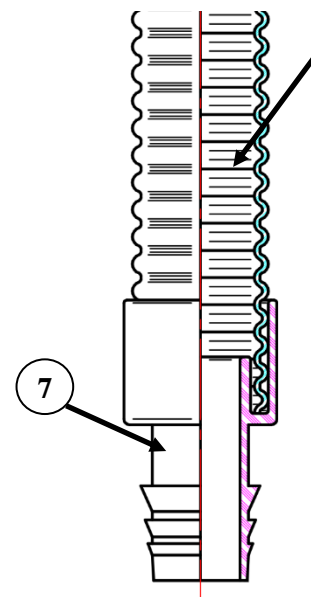
### Option A : Barb Y 20mm

#	Part	Raw Material
1	Flexible pipe	HDPE PE100
6	Barb Y 20mm	Acetal POM



### Option B : Barb Coupling 20mm

#	Part	Raw Material
1	Flexible pipe	HDPE PE100
7	Barb Y 20mm	Acetal POM




### Pipe Options

Description	Catalog No.	Photo
15020FL20B-02	Elasto-fit pipe 3/4" Male/ Barb 20mm	
15020FL20Y-02	Elasto-fit pipe 3/4" Male/ Barb Y 20mm	
15020FL20P-02	Elasto-fit pipe 3/4" Male/ Record 20 mm	
15020FL20B-20P	Elasto-fit pipe Record 20 mm/ Barb 20mm	
15020FL20Y-20P	Elasto-fit pipe Record 20 mm/ Barb Y 20mm	
15020FL20P-20P	Elasto-fit pipe Record 20 mm/ Record 20 mm	

Start/End Options

Description	Catalog No.	Photo
15020H0120	Male thread body 1/2"	
15020H0130	Male thread body 3/4"	
15020H0140	Female thread body 1/2"	
15020H0150	Female thread body 3/4"	
44050R0120	2 bolts Tavor saddle 50 mm with Record outlet 20mm	
44063R0120	2 bolts Tavor saddle 63 mm with Record outlet 20mm	
15020DC4016	Meital coupling 16mm for Record outlet 20mm	
15020MC4020	Meital coupling 20mm for Record outlet 20mm	
15020YC4020	Meital Y coupling 20mm for Record outlet 20mm	
15020MC0020	PN16 150 series coupling 20mm for Record outlet 20mm	

Other Products

15020FLR0020	Repair coupling 20-20mm for Elasto-fit pipe	
52020A0604	Seal for Elasto-fit pipe	