

UNIPIPE LDPE PIPES

Polyethylene pipes (LDPE) are manufactured from the highest grade of polyethylene resins, this provides maximum resistance to UV degradation and stress cracking, Includes a minimum 2.5% of black carbon, and 4 - 5% of UV resistant material for other Colors of the pipe, rather than black pipe color.

Applications

- Drip & micro sprinkler irrigation systems
- Landscape irrigation systems

Features & Production Range

- Manufactured from virgin pipe grade raw materials (PE)
- Excellent corrosion and chemical resistance. Inert to most acidic and alkaline solutions
- Light in Weight
- Excellent flexibility combined with strength
- Smooth inner walls minimizes frictional losses
- Manufactured as per ISO-8779 standards in PE-25, PE-32 and PE-50 grades
- Available in 6, 12/13 mm, 16 mm, 20 mm & 25 mm out diameters, and different wall thicknesses
- Available in 200 m & 400 m, coils length
- Available in different pipe colors



Technical Information

PE32 -1992 : LDPE pipes dimensions as per ISO 8779 & ISO161-1 standard

Nominal / OD mm	2.5 Bars			4 Bars			6 Bars		
	Code	W.S mm	Wt. Kg / m	Code	W.S mm	Wt. Kg / m	Code	W.S mm	Wt. Kg / m
6	UPE060025	-	-	UPE060004	-	-	UPE060006	-	-
12	UPE120025	-	-	UPE120104	1	0.034	UPE121106	1.1	0.038
16	UPE160125	1.0	0.046	UPE161204	1.2	0.055	UPE161506	1.5	0.069
20	UPE201225	1.2	0.069	UPE201504	1.5	0.086	UPE201906	1.9	0.109
25	UPE251225	1.2	0.086	UPE251504	1.5	0.108	UPE252306	2.3	0.166

• W.S : Pipes wall thickness

• Wt. : Pipes weight

UNIPIPE PIPES FITTINGS

Barbed & Compression PP, types fittings are specifically provided in accordance with international standards to fit the LDPE pipes products produced by Universal. They are provided from 6 up to 25 mm OD. Fittings are suitable for connecting the UNIPIPE pipes. They are produced from quality polypropylene injection materials.

