



LD-PE (Low Density Polyethylene)

Polyethylene is a partially crystalline and non-polar thermoplastic. Our PE tubes have good resistance to weak acids and alkalis, as well as good electrical insulating ability. Further advantages are the high stability, low weight and good elasticity.

Physical Properties	Unit	Value
Temperature	°C	-10 to +70
Shore Hardness	Shore D	45
Density	g/cm ³	0,92

Pressure Resistance in Bar	
ID/OD	20°C
DN 02/04	13
DN 03/05	15
DN 04/06	13
DN 05/08	13
DN 06/08	8
DN 06/10	15
DN 08/10	6
DN 08/12	12
DN 09/12	9
DN 10/12	5
DN 12/16	9
DN 16/20	7

Additional Information	
CIP Suitability	Suitable
Method of Sterilization	Ethylene Oxide γ-Rays
Characteristics	Without Phthalates ADI free Cost-Efficient Process Solution
Possible Certificates On Request	FDA EC 1935/2004 EU Reg. 10/2011

Bending Radius			
ID/OD	Bending Radius in mm	ID/OD	Bending Radius in mm
DN 02/04	20	DN 08/10	60
DN 03/05	25	DN 08/12	60
DN 04/06	30	DN 09/12	60
DN 05/08	40	DN 10/12	85
DN 06/08	40	DN 12/16	90
DN 06/10	50	DN 16/20	120