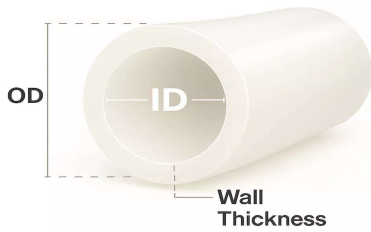


# Polyethylene Tubing LDPE

## Tubing Dimensions (ID / OD / Wall Thickness)



## Description

LDPE tubing is manufactured from low-density polyethylene and is intended for low-pressure fluid or air transfer in non-dynamic piping configurations.

In non-dynamic applications, the tubing remains fixed after installation, with routing geometry maintained and without exposure to pulling forces, cyclic bending, or mechanical movement during operation.

Tube OD	Tube ID	Wall Thickness	Weight	Max. Working Pressure 23°C (73°F)	Min. Burst Pressure 23°C (73°F)	Min. Bend Radius
mm	mm	mm	g/m	bar	bar	mm
4	2.5	0.75	7.3	14	42	25
6	4	1.00	14.9	12	36	40
8	6	1.00	20.9	9	27	70
10	7.5	1.25	32.6	9	27	70
12	9	1.50	47	9	27	105

Tube OD	Tube ID	Wall Thickness	Weight	Max. Working Pressure 23°C (73°F)	Min. Burst Pressure 23°C (73°F)	Min. Bend Radius
inch	inch	inch	lb/ft	psi	psi	inch
1/4	0.17	0.04	0.011	150	450	125
3/8	0.25	0.06	0.025	190	570	2
1/2	0.375	0.06	0.035	125	375	2.5

Material:	Linear Low Density Polyethylene (LLDPE), FDA compliant and non-contaminating
Tube tolerance:	+0.1mm/-0.1mm
Temperature range:	-20°F (-29°C) to +150°F (+66°C)
Applications:	Water purification, water conditioners, ice makers, misting systems and food contact applications

Note: NSF 61 registration pending - please consult Norgren Technical Department for further details

## Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where pressures and temperatures can exceed those listed under »**Technical features/ data**«.

Before using these products with fluids other than those specified, for non-industrial applications, life-support systems or other applications not within published specifications, consult Norgren. Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes.

The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.

System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.

System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.