LEGRIS PE TUBING



Designed to convey water in aggressive environments, Legris PE tubing offers high chemical resistance, making it ideal for industrial water treatment and cooling applications.

Technical specifications

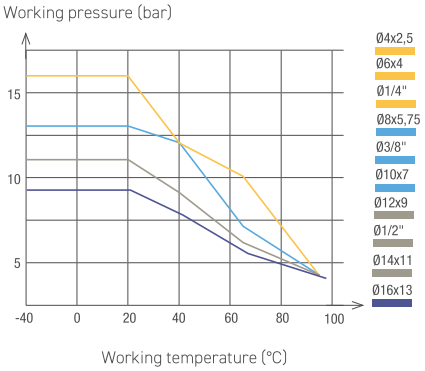
Material:	**Polyethylene**
Fluids:	Industrial and treated water (with or without glycol)
Working pressure:	10^{-2} millibar to 16 bar
Working temperature:	-40°C to +100°C
Diameter:	3 to 18 mm
Regulations:	RoHS, REACH, PED, FDA, EC N° 1935/2004

Performance depends on the fluids, materials and connection used.

Benefits

- **High chemical resistance,** ideal for transferring glycol-based water coolants and water treatment.
- **FDA-certified,** it meets the requirements of the food industry.

Tubing performance



External diameter from the tubing	O.D Tolerance
1/4" to 1/2"	+0.10/-0.10
4 to 16 mm	+0.10/-0.10

Recommended applications



Chemical resistance to the aggressiveness of water treated in laboratories



Optimal compatibility for cooling laser cutting machines

1015Y..F

Advanced Polyethylene (APE) Tubing - Drum 150 m

ØD ext.	ØD int.	R	Clear					White
6	4	32	1015Y06F00	1015Y06F01			1015Y06F04	1015Y06F10
8	5.75	40	1015Y08F00	1015Y08F01	1015Y08F02	1015Y08F03	1015Y08F04	1015Y08F10
10	7	40	1015Y10F00	1015Y10F01		1015Y10F03	1015Y10F04	1015Y10F10

1030Y..F

Advanced Polyethylene (APE) Tubing - Drum 300 m

ØD ext.	ØD int.	R	Clear				White
4	2.5	16	1030Y04F00	1030Y04F01			
6	4	32	1030Y06F00	1030Y06F01	1030Y06F03	1030Y06F04	1030Y06F10

1075Y..F

Advanced Polyethylene (APE) Tubing - Drum (Ø12) Tubepack (Ø 16) 75 m

ØD ext.	ØD int.	R	Clear					White
12	9	55	1075Y12F00	1075Y12F01	1075Y12F02	1075Y12F03	1075Y12F04	1075Y12F10
16	13	90	1075Y16F00					

1096Y..F

Advanced Polyethylene (APE) Tubing - Drum 250 ft

ØD ext.	ØD int.	R	Clear		
1/2	0.375	1.96	1096Y62F00	1096Y62F01	1096Y62F04

1098Y..F

Advanced Polyethylene (APE) Tubing - Drum 500 ft

ØD ext.	ØD int.	R	Clear		
1/4	0.170	0.78	1098Y56F00	1098Y56F01	1098Y56F04
3/8	0.250	1.18	1098Y60F00	1098Y60F01	1098Y60F04

1100Y

Low-density Polyethylene tubing - Tubepack® 100 m

ØD ext.	ØD int.	R	clear
4	2	25	1100Y04 00
6	4	35	1100Y06 00
8	6	55	1100Y08 00
10	8	80	1100Y10 00
12	9	65	1100Y12 00
14	11	80	1100Y14 00