

- > Impermeable to gasses and moisture
- > Lightweight, flexible, and excellent for food and beverage applications
- > Low Density Polyethylene (LDPE)
- > Tasteless and odorless
- > Easily heat sealed
- > All colors except red, comply with FDA Regulation 21 CFR 177.1520(c) for food contact applications


Technical data
Medium:

Compressed air, water, steam, and other non-flammable, inert gases and liquids

Temperature range:

-40° to 150°F (-40° to 66°C)

Vacuum rating:

To 28" Hg

Diameter tolerance:

± .004

Hardness:

LDPE: 44 Shore D

Tube markings:


FW specifications


Base resin compliance:


FDA (except red)

Recommended fittings:

Push-in, compression

Part Number 100' length	Color	Size tube O.D. (inch)	Size tube I.D. (inch)	Wall thickness (inch)	Working pressure PSI		Weight lbs./100'	Bend radius
					@75F / 25°C	@150°F / 65°C		
								
PE0051100	natural	1/8	0.62	0.031	305	120	.40	1/2"
PE0052100	natural	5/32	.106	0.025	175	70	.46	1"
PE0054100	natural	1/4	.170	0.040	200	80	1.2	1-1/4"
PE0056100	natural	3/8	.250	0.062	190	75	2.76	2"
PE0057100	natural	1/2	.375	0.062	135	55	3.87	2-1/2"

Part Number 100' length	Color	Size tube O.D. (inch)	Size tube I.D. (inch)	Wall thickness (inch)	Working pressure PSI		Weight lbs./100'	Bend radius
					@75F / 25°C	@150°F / 65°C		
								
PE0151100	red	1/8	0.62	0.031	305	120	.40	1/2"
PE0152100	red	5/32	.106	0.025	175	70	.46	1"
PE0154100	red	1/4	.170	0.040	200	80	1.2	1-1/4"
PE0156100	red	3/8	.250	0.062	190	75	2.76	2"
PE0157100	red	1/2	.375	0.062	135	55	3.87	2-1/2"

Part Number 100' length	Color	Size tube O.D. (inch)	Size tube I.D. (inch)	Wall thickness (inch)	Working pressure PSI		Weight lbs./100'	Bend radius
					@75F / 25°C	@150°F / 65°C		
								
PE0751100	black	1/8	0.62	0.031	305	120	.40	1/2"
PE0752100	black	5/32	.106	0.025	175	70	.46	1"
PE0754100	black	1/4	.170	0.040	200	80	1.2	1-1/4"
PE0756100	black	3/8	.250	0.062	190	75	2.76	2"
PE0757100	black	1/2	.375	0.062	135	55	3.87	2-1/2"

Warning

Improper selection, misuse, age or malfunction of components used in systems can cause failure in various modes. The system designer is warned to consider the failure modes of all component parts and to provide adequate safeguards to prevent personal injury or damage to equipment or property in the event of such failure modes. System designers and end users are cautioned to consult instruction sheets and specifications available from the factory. The system designer/end user is responsible for verifying that all requirements for the application are met.

Warranty

The products described herein are warranted subject to seller's Standard Terms and Condition of Sale, available at seller's website.

Proposition 65: These products may contain chemicals known to the state of California to cause cancer, or birth defects, or other reproductive harm.