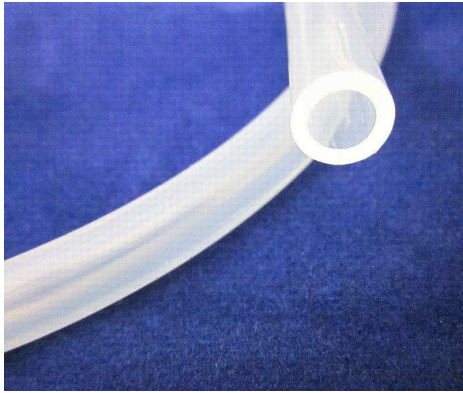




FB80-PE-EVA

Co-Extruded Polyethylene-Lined EVA Tubing



Product Description

Grayline FB80-PE-EVA is a high-purity, low density polyethylene lined, EVA tubing that is sanctioned by the FDA for food and beverage contact applications. This tubing material also meets USP Class VI requirements and is suitable for use in poultry and meat processing. It offers excellent chemical resistance and remains pliable even after extended contact with alcohol. It also has a low coefficient of friction which allows easy passage of solids, alcohols, acids, caustics and solvents.

Grayline FB80-PE-EVA can be used as a cost-effective replacement for PTFE tubing for working temperatures below 40°C. (Cost savings of 50% or more). Irradiated FB80-PE-EVA tubing is also available for temperatures up to 80°C.

Standard Packaging: 50' Coils

Standard Color: Translucent

Custom Services: Size, Cut Lengths

Specifications

- USP Class VI (Material Only)
- National Formulary, Vol. 14 (Containers for injectables)
- FDA Title 21 (Material Only)
- EU Directive 2011/65/EU (RoHS2)

Features

- Operating Temperature is -34°C to 71°C
- Non-Toxic
- Odorless, Tasteless, and Inert
- UV, Ozone, Gas, Moisture, & Chemical Resistant
- Low Friction of Coefficient

PROPERTY	TYPICAL VALUE <i>Polyethylene Core</i>	TYPICAL VALUE <i>EVA Cover</i>
Durometer Hardness	50 Shore D	80 Shore A
Tensile Strength (psi)	2,100	1,500
Elongation (%)	550	750
Brittleness Temperature, Pass °C	-34	-106

Standard Sizes

ID (Inches)	OD (Inches)	Wall (Inches)	Standard Coil Length (FT)	Working PSI @ 70°F	Burst PSI @ 70°F	Weight (LB/100 FT)
1/8**	3/16	1/32	50	43	129	0.62
1/8	1/4	1/16	50	71	213	1.51
1/2	3/4	1/8	50	50	150	10.00
1	1-1/4	1/8	50	28	84	17.96

**Limited Stock Item; longer lead times & higher minimum orders may apply

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