

Polyethylene-Lined EVA

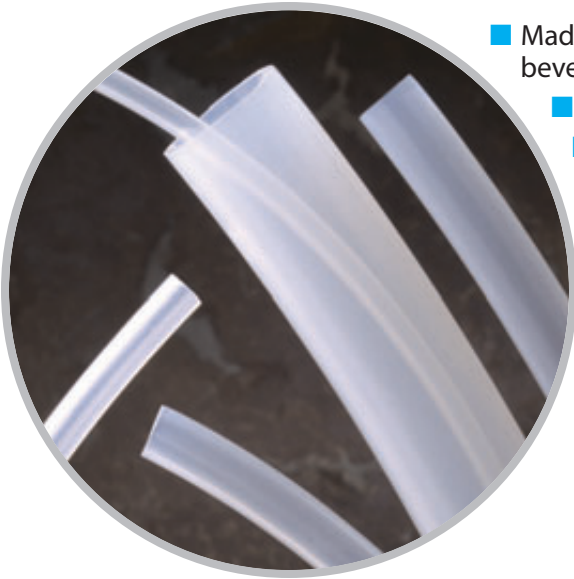
Co-Extruded Tubing of Polyethylene & EVA



ESOP Employee Owned
for Your Benefit

Fluid Transfer Specialists®

Co-Extruded Tubing of Polyethylene & EVA



- Made from Class VI, FDA-sanctioned ingredients for use with food and beverage contact surfaces
- Natural translucent color for visual contact with the flow
- Remains flexible at temperatures from -29°F to 160°F
- Non-toxic; odorless, tasteless, and inert
- Remains pliable even after extended contact with alcohol
- Good weatherability properties — resists gases and moisture
- Low friction coefficient and good general chemical resistance



Notes

PE-LINED EVA (Ethylene Vinyl Acetate) tubing is designed for use where cleanliness and flexibility are required. It offers good general chemical resistance and non-toxicity. A co-extruded product, PE-LINED EVA is made of a low density polyethylene liner with an EVA outer jacket. It is manufactured in a patented process (Patent No. 4061461) to ensure the highest bond quality possible.

PE-LINED EVA tubing meets Class VI requirements and is suitable for use in poultry and meat processing. PE-LINED EVA also meets or exceeds standards in National Formulary, Vol. 14 for containers for injectables (plastics).

For working temperatures up to 180°F and greater stress resistance, ask about irradiated PE-LINED EVA tubing.

Physical Properties**

	PE Core	EVA Cover
Hardness, Shore D	50	
Hardness, Shore A		80
Tensile Strength, psi	2100	1500
Elongation at Break, %	550	750
Brittle Temperature, °F	-29	-159
Max. Operating Temp., °F	160	160
Color	Translucent	Translucent

**Values listed are typical for the material used in manufacture, except where noted, and are meant only as a guide to aid in design. Field testing should be performed to find the actual values for your application.

PART NO.	ID (IN.)	OD (IN.)	WALL (IN.)	WORKING PSI AT 70°F	BURST PSI AT 70°F	LBS. PER 100 FT.
410 0047*	1/8	3/16	1/32	43	129	.62
410 0075	1/8	1/4	1/16	71	213	1.51
410 0131	1/4	3/8	1/16	60	180	2.49
410 0215	3/8	1/2	1/16	50	150	3.49
410 0243*	3/8	5/8	1/8	66	198	7.99
410 0271*	1/2	5/8	1/16	32	96	4.48
410 0327	1/2	3/4	1/8	50	150	10.00
410 0467	3/4	1	1/8	39	118	13.96
410 0495	1	1-1/4	1/8	28	84	17.96

*Limited stock availability; lead times and minimums may apply — call for details. Sold by standard coil length only (50 ft.). Add length suffix to part number when ordering. Example: 1/8" ID x 1/4" OD tubing is part number 410 0075-50. **BOLD** indicates the critical dimension for fittings application.

Recommended Fittings & Clamps

- Newloc® push-to-connect fittings
- Thermobarb® barbed fittings
- Oetiker® ear type clamps
- Kwik Clamp™ nylon double bond hose clamps
- Worm gear clamps

Custom Services

- **Cut**
- **Overbraid**
- **Size**
- **And More**

Call for more information
800-506-3924

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