

Hytrel[®]-Lined PVC

Co-Extruded Tubing of Hytrel & PVC

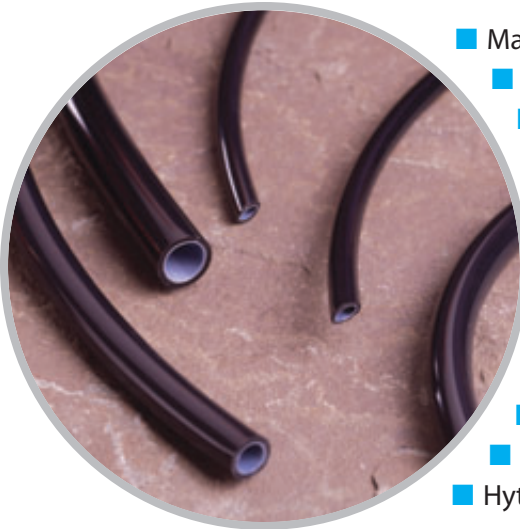


ESOP Employee Owned
for Your Benefit



Fluid Transfer Specialists[®]

Co-Extruded Tubing of Hytrel & PVC



- Made from FDA-compliant ingredients; suitable for food contact
- Does not contain plasticizers
- Hytrel liner resists high temperatures and oils, making it ideal for hot beverage vending machine applications
- Low permeability to refrigerant gases, hydrocarbons and moisture
- Superior barrier and dielectric characteristics — well suited for welding applications
- Odorless, tasteless, and inert
- Good weathering properties — resists U.V. exposure, ozone, gases, moisture and temperatures
- Low adherence of particulates — ideal for air sampling
- Ethylene Oxide (EtO) sterilizable
- Hytrel liner is REACH compliant



Notes

HYTREL-LINED PVC TUBING is designed to offer the flexibility and durability of PVC tubing with a liner of inert Hytrel, made by DuPont, for additional resistance to oils, high temperatures and gas permeability. A patented process molecularly bonds liner and cover to make a virtually inseparable product. This cost-saving co-extrusion permits HYTREL-LINED PVC to be substituted for all-Hytrel tubing in many applications.

The Hytrel polyester liner offers internal resistance to chemical attack, abrasion and contamination, along with a high degree of resistivity to the adherence of particulates, making HYTREL-LINED PVC exceptionally suited for use in air sampling applications.

HYTREL-LINED PVC TUBING's black PVC cover offers excellent resistance to abrasion and oils, as well as ultraviolet exposure. The pliable PVC also provides a degree of shock resistance and insulates the tubing from electronic interference.

HYTREL-LINED PVC TUBING is made of FDA-sanctioned ingredients for use with food contact surfaces. The tubing is certified for CFR Title 21 Section 177.1550 and CFR Title 21 Section 177.2600. It may be subjected to ethylene oxide sterilization processes.

Physical Properties**

	Hytrel Liner	PVC Cover
Hardness, Shore D	55	
Hardness, Shore A		80
Tensile Strength, psi	6000	2000
Elongation at Break, %	500	360
Brittle Temperature, °F	-148	-25.6
Max. Operating Temp., °F	160	160
Color	Light Blue	Black

**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.)	STANDARD LENGTH (FT.)	LBS. PER 100 FT.
413 0091	.170	1/4	.040	500	3.0
413 0133	1/4	3/8	1/16	500	4.2
413 0217	3/8	1/2	1/16	250	6.0

Sold by standard coil length only. Add length suffix to part number when ordering. Example: 500 ft. of .170" ID x 1/4" OD tubing is part number 413 0091-500.

BOLD indicates the critical dimension for fittings application.

Recommended Fittings & Clamps

- Thermobarb® barbed fittings
- Newloc® push-to-connect 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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