



FB80-HY-PVC

Co-Extruded Hytrel®-Lined PVC Tubing



Product Description

Grayline FB80-HY-PVC tubing offers excellent resistance to chemical attacks, abrasion, and contamination. It also has a low coefficient of friction, so particulates do not adhere to the inside surface. The Hytrel® core is odorless, tasteless, inert, and offers low permeability to refrigerant gases and hydrocarbons. It is made from FDA-sanctioned ingredients and resists high temperatures and oils which makes it ideal for food contact and hot beverage applications. This co-extruded tubing can be used as a cost-effective alternative to conventional Hytrel tubing in many applications. It can be autoclaved one time at 250°F (steam) for 15 minutes.

Standard Packaging: Coils

Standard Color: Black

Custom Services: Size, Cut Length

Specifications

- FDA Title 21 (Material Only)
- EU Directive 2011/65/EU (RoHS2)

Features

- Maximum Operating Temperature is 71°C
- U.V., Ozone, Gas, & Moisture Resistant
- DuPont Dow Elastomers' Hytrel® Core

PROPERTY	TYPICAL VALUE <i>Hytrel® Core</i>	TYPICAL VALUE <i>PVC Cover</i>
Durometer Hardness	55 Shore D	80 Shore A
Tensile Strength (psi)	5,200	2,000
Elongation (%)	450	400
Brittleness Temperature, Pass °C	-46	-41
Color	Gray	Black

Standard Sizes

ID (Inches)	OD (Inches)	Wall (Inches)	Standard Coil Length (FT)	Weight (LB/100 FT)
.170	1/4	.040	500	1.92
1/4	3/8	1/16	500	3.30
3/8	1/2	1/16	250	4.80

The values listed in this bulletin, to the best of our knowledge, are accurate. They are typical performance results and are not intended to be used as design data. We disclaim all liability in connection with the use of information contained herein or otherwise.

Hytrel® Reg. TM DuPont