

Plas-T-Flo™

PF™ Series

Heavy Duty Food Grade Polyurethane Material Handling Hose With Grounding Wire



General Applications:

- Bulk truck & railcar unloading
- Material handling – heavy duty abrasive
- Milling machine scrap recovery
- Plastic processing equipment

Construction: Polyurethane tube with rigid PVC helix and grounding wire.

Service Temperature:

-40°F (-40°C) to +150°F (+65°C)*

Features and Advantages:

- **Extra Thick Single-Ply Abrasion Resistant Polyurethane Tube** – Our thickest single-ply polyurethane tube! Designed for dry applications where severe abrasion is a factor. Provides for longer hose life and lower operating costs versus rubber or PVC hoses.
- **Grounding Wire** – Multi-strand wire helps prevent the build-up of static electricity for added safety and to help keep material flowing smoothly. It's embedded within the rigid helix to prevent contamination of transferred materials.
- **Transparent Construction** – “See-the-flow.” Allows for visual confirmation of material flow.
- **“Cold-Flex” Materials** – Hose remains flexible in sub-zero temperatures.
- **Easy Slide Helix** – Rigid helix design protects hose tube from cover wear, and allows hose to slide easily over rough surfaces. Easy-to-handle.
- **Oil Resistant Polyurethane Tube** – Resists most animal and petroleum based oils.
- **Phthalate Free**

Nominal Specifications

Series Number	ID		OD		Working Pressure (psi)		Vacuum Rating Hg (in)		Min. Bending Radius at 68°F (in)	Standard Length (ft)	Weight (lbs/ft)
	(in)	(mm)	(in)	(mm)	68°F	104°F	68°F	104°F			
PF300	3	76.2	3.39	86.0	35	15	28	25	10	100/20	1.50
PF400	4	101.6	4.84	123.0	30	15	28	25	12	100/50/20	1.96
PF500	5	127.0	5.87	149.0	30	15	25	22	13	100/50/20	2.50
PF600	6	152.4	6.91	175.5	30	15	25	22	16	100/50/20	3.18

NOTE: Service life may vary depending on operating conditions and type of material being conveyed.

NOTE: For details of the following compliances, refer to footnotes listed on page 63.

*Actual service temperature range is application dependent.

⚡ **CAUTION:** This product is designed to dissipate static electricity when the embedded grounding wire is physically extracted and securely connected to ground, through the fitting or by other means.

BSE/TSE⁽⁰²⁾, FDA⁽⁰³⁾, FDA⁽⁰⁴⁾, PHthalate Free⁽¹⁰⁾, RoHS⁽¹¹⁾, USDA⁽¹²⁾

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.