

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.

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 and temperature range may vary depending on operating conditions and material type being conveyed.

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

CAUTION: Grounding wire is designed to help dissipate static charge when extracted and connected to ground. Hose is not to be used in combustible situations unless it has been determined by the end user the application if not sufficient to result in propagating brush discharge.

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.