



Plas-T-Flow™

PF™ Series

Heavy-Duty Food Grade, Polyurethane, Material Handling Hose with Grounding Wire

GENERAL APPLICATIONS

- Food grade material handling - heavy duty abrasive
- Plastic processing equipment
- Pharmaceutical product transfer
- Pneumatic conveying equipment

CONSTRUCTION

Polyurethane tube with rigid PVC helix and grounding wire

SERVICE TEMPERATURE RANGE

-40°F (-40°C) to +150°F (+65°C)*

**Actual service temperature range is application dependent.*



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 longer life and lower operating costs versus rubber hoses.
- **Food Grade Materials** – Hose Liner (Product Contact Surface) complies with applicable FDA⁽⁰⁴⁾ and USDA⁽¹⁰⁾
- **Transparent Construction** – “See-the-flow.” Allows for visual confirmation of material flow.
- **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.
- **“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.

Series Number	ID		OD		Working Pressure (psi)		Vacuum Rating Hg (in)		Min. Bending Radius (in) at 68°F	Standard Length (ft)	Weight (lbs/ft)
	(in)	(mm)	(in)	(mm)	at 68°F	at 104°F	at 68°F	at 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

NOTES:

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

⚠ **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 is not sufficient to result in propagating brush discharge.

COMPLIANCES (for details see page 87)

BSE/TSE [02], **FDA** [03], **FDA** [05], **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.