

VOLT™ SERIES

HEAVY DUTY FOOD GRADE STATIC DISSIPATIVE POLYURETHANE MATERIAL HANDLING HOSE

General Applications:

- Bulk truck and railcar unloading
- Fly ash collection
- Food grade material handling – heavy duty abrasive
- Material handling – heavy duty abrasive
- Milling machine scrap recovery
- Pharmaceutical product transfer
- Plastic processing equipment
- Pneumatic conveying equipment

Construction: Static dissipative polyurethane tube, rigid helix and grounding wire (patent pending).

Service Temperature: -40°F (-40°C) to 150°F (+65°C)*



Features and Advantages:

- **Superior Static Protection!** – A properly grounded Voltbuster™ hose will not retain an electrostatic charge sufficient to create a propagating brush discharge. Hose material, using the embedded grounding wire, shows a charge decay time constant of < 1 second, based on independent lab testing.
- **Food Grade Materials** – Hose tube complies with FDA⁽⁰⁵⁾ requirements. Grounding wire embedded in external helix to prevent material contamination.
- **Extra Thick Abrasion Resistant Single-Ply Polyurethane Tube** – Provides for longer hose life and lower operating costs versus rubber or PVC hoses.
- **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 wear; 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	ID (in.)	ID (mm)	OD (in.)	OD (mm)	Working Pressure (psi)		Vacuum Rating (in. Hg)		Min. Bending Radius (in. @ 68°F)	Standard Length (ft.)	Weight (lbs./ft.)
					68°F	104°F	68°F	104°F			
VOLT150	1-1/2	38.35	1.87	47.5	40	20	Full	28	2	100/60	0.31
VOLT200	2	51.1	2.52	63.9	40	20	Full	28	6	100/60	0.61
VOLT250	2-1/2	63.75	2.96	75.2	40	20	Full	28	7	100	0.76
VOLT300	3	76.2	3.60	91.4	40	20	Full	28	9	100/60	0.91
VOLT400	4	101.6	4.69	121.0	35	17	28	25	12	100/60/20	1.70
VOLT500	5	127.0	5.75	146.8	35	17	28	25	14	60/20	2.13
VOLT600	6	153.4	6.81	173.2	30	15	25	20	16	60/20	2.53
VOLT800	8	203.5	8.76	223.3	30	15	25	20	18	60/20	3.30
VOLT1000	10	255.5	11.04	280.5	25	10	22	16	25	20	4.99

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

*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⁽⁰⁵⁾, RoHS⁽¹⁰⁾