



ABRASION RESISTANT PLUS



"COLD-FLEX" MATERIALS



EASY SLIDE



FOOD GRADE



OIL RESISTANT



STATIC DISSIPATIVE



TRANSPARENT CONSTRUCTION



# 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 Range:

-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<sup>(05)</sup> 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.
- **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			
VOLT150	1-1/2	38.1	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	63.5	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	100/60/20	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	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.

**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<sup>(02)</sup>, FDA<sup>(05)</sup>, PHTHALATE FREE<sup>(10)</sup>, RoHS<sup>(11)</sup>**

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

