VLT-SD™ Series

Heavy Duty Food Grade Static Dissipative Polyurethane Fabric Reinforced Material Handling Hose

VOLTBUSTER™ Superior Static Protection™

MADE IN THE USA

Phthalate FREE

General Applications:

- Bulk truck and railcar unloading
- Food grade material handling – heavy duty abrasive
- Material handling – heavy duty abrasive
- Milling machine scrap recovery
- Plastic processing equipment
- Pneumatic conveying equipment
- Suction and discharge

Construction: Static dissipative polyurethane tube, polyester fabric reinforcement, 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(05) requirements. Grounding wire embedded in external helix to prevent material contamination.
- **Extra Thick Abrasion Resistant Double-Ply Polyurethane Tube –** Provides for longer hose life and lower operating costs versus rubber or PVC hoses.
- **Fabric Reinforcement –** Designed with high tensile strength, food grade FDA(06), polyester yarn jacket to handle both suction, and higher pressure discharge applications.
- **Transparent Construction –** "See-the-flow". Allows for visual conformation of material flow.
- **"Cold-Flex" Materials –** Hose remains flexible in sub-zero temperatures.
- **Easy Slide Helix –** Rigid helix design protects hose from wear; allows hose to slide easily over rough surfaces. Easy to handle.

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			
VLT-SD200	2	51.1	2.67	67.0	75	40	Full	28	9	100/50	0.77
VLT-SD300	3	77.0	3.78	96.0	70	35	Full	28	12	100/20	1.22
VLT-SD400	4	102.2	4.84	123.0	65	30	Full	28	13	100/60/20	1.85
VLT-SD500	5	128.0	5.79	152.0	45	22	28	25	14	60/20	2.43
VLT-SD600	6	153.4	6.93	177.4	40	22	28	25	17	60/20	3.05
VLT-SD800	8	206.0	9.25	235.0	35	25	26	20	23	20	4.70

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(05), FDA(06), Phthalate Free(10), RoHS(11)

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