



Silver Tiger™

The closest thing to metal hose™

STIG™ Series Extremely Heavy Duty Polyurethane Lined Material Handling Hose

**Our Most
Internal Abrasion
Resistant Hose!**



General Applications:

- Fly ash collection
- Industrial Vacuum Equipment
- Material chutes
- Material handling – heavy duty abrasive
- Milling machine scrap recovery
- Rock, gravel, sand and crushed concrete vacuuming
- Shot blast recovery

Construction: PVC cover with extra thick polyurethane liner, rigid PVC helix and grounding wire.

Service Temperature Range:

-4°F (-20°C) to +150°F (+65°C)*

Features and Advantages:

- **Extra Thick Abrasion Resistant Polyurethane Liner** – 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.
- **Convoluting Outer Cover** – Provides increased hose flexibility.
- **Oil Resistant Polyurethane Liner** – 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			
STIG250	2-1/2	63.5	3.04	77.2	45	22	Full	28	7	100	0.92
STIG300	3	76.2	3.77	95.8	45	22	Full	28	8	100	1.50
STIG400	4	101.6	4.86	123.5	40	20	Full	28	12	100/20	2.32
STIG500	5	127.0	5.86	148.8	35	18	Full	28	16	60/20	3.43
STIG600	6	153.4	7.18	182.4	35	18	Full	28	20	100/50/20	4.54
STIG800	8	204.8	9.49	241.0	35	18	28	25	25	50/20	7.53

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 is not sufficient to result in propagating brush discharge.

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.