



# 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.
- **Convuluted Outer Cover** – Provides increased hose flexibility.
- **Oil Resistant Polyurethane Liner** – Resists most animal and petroleum based oils.
- **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			
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 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.

**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.