



ABRASION  
RESISTANT PLUS



OIL  
RESISTANT



STATIC  
DISSIPATIVE



WATER

# Amphibian™ SOLARGUARD™

ADVANCED UV PROTECTION

## AMPH-SLR™ Series

Heavy Duty Polyurethane Lined  
Wet or Dry Material Handling  
Hose with High UV Resistance

### General Applications:

- Hydroexcavation
- Industrial vacuum equipment
- Material handling – heavy duty abrasive
- Sewer truck boom hose
- Slurry handling

**Construction:** PVC cover with polyurethane liner, PVC helix and grounding wire

**Service Temperature:** -4°F (-20°C) to 150°F (+65°C)\*

### Features and Advantages:

- **Thick Amphibian™ Abrasion Resistant Polyurethane Liner** – Designed for wet or dry applications where severe abrasion is a factor. Provides longer life and lower operating costs versus similar rubber or PVC hoses.
- **Advanced UV Protection!** – The hose material is specially formulated to resist the cracking that can result from exposure to damaging UV light. Our tests show the Solarguard material retained 97% of its original tensile strength after prolonged UV exposure, compared to only 55% tensile strength retention for similar PVC hoses.†
- **Grounding Wire (6" and 8" only)** – Multi-strand wire helps prevent the build-up of static electricity for added safety and to help keep material flowing smoothly.
- **“Safety Yellow” Color** – For high visibility on site. Reduces risk of tripping or driving over hose.
- **Convuluted Outer Cover** – Provides increased hose flexibility.
- **Phthalate Free**



### 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			
AMPH-SLR300	3	76.2	3.65	92.6	40	20	Full	28	6	100	1.18
AMPH-SLR400	4	101.6	4.76	121.0	35	18	Full	28	10	100/60/20	1.87
AMPH-SLR600	6	153.4	7.00	177.8	30	15	28	25	18	100/20	4.14
AMPH-SLR800	8	204.8	9.15	232.4	22	15	26	25	22	60/21	6.49

\*Actual service temperature range is application dependent.

† This information is based on independent third party test reports which are, to the best of our knowledge, complete and accurate. However, no warranty is expressed or implied, as specific application parameters such as temperature, stress and strain, and chemical exposure vary widely.

⚠ **CAUTION:** Certain sizes of this product are 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.

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