



SOLARGUARD™
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 ether polyurethane liner, PVC helix and grounding wire

SERVICE TEMPERATURE RANGE

-4°F (-20°C) to 150°F (+65°C)*

*Actual service temperature range is application dependent.

See page 89 for details on UV Resistance

View Up To Date Info



SCAN OR VISIT
[KOA.link/AMPH-SLR](https://koe.link/AMPH-SLR)



FEATURES AND ADVANTAGES

- **Thick Amphibian™ Abrasion Resistant Polyurethane Liner** – Designed for wet or dry applications where severe abrasion is a factor. Provides longer hose life and lower operating costs versus 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 Cover Design** – Provides increased hose flexibility.

Series Number	ID		OD		Working Pressure (psi)		Vacuum Rating Hg (in)		Min. Bending Radius (in)	Standard Length (ft)	Weight (lbs/ft)
	(in)	(mm)	(in)	(mm)	at 68°F	at 104°F	at 68°F	at 104°F	at 68°F		
AMPH-SLR300	3	76.2	3.65	92.6	40	20	Full	28	6	100	1.18
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

NOTES:

- Service life may vary depending on operating conditions and type of material being conveyed.
- † 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. 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.

COMPLIANCES (for details see page 87)
Phthalate Free (10)