



**SOLARGUARD™**  
ADVANCED UV PROTECTION  
**SG™ Series**

**Standard Duty PVC Liquid Suction Hose with High UV Resistance**

**General Applications:**

- Agricultural liquid fertilizer
- Air seeder lines
- Irrigation lines
- Pumps, rental and construction dewatering
- Pumps, trash
- Water suction – standard duty

**Construction:** Flexible PVC tube with rigid PVC Helix.

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

**Features and Advantages:**

- **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.†

- **“Safety Yellow” Color** – For high visibility on job site. Reduces risk of tripping or driving over hose.
- **Smooth Outer Cover** – Provides smooth surface for banding.
- **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			
SG150	1½	38.4	1.78	45.2	65	45	28	24	5	100	0.38
SG200	2	51.1	2.40	59.0	60	40	28	24	6	100	0.56
SG300	3	76.7	3.41	86.5	55	35	26	22	9	100	1.00
SG400	4	102.4	4.44	112.8	50	35	26	22	15	100	1.70
SG600	6	153.4	6.83	173.4	40	25	26	22	30	100/20	3.36

\*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.

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