



SOLARGUARD™
SG™ Series
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 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

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SG



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 site. Reduces risk of tripping or driving over hose.
 - **Smooth Outer Cover** – Provides smooth surface for banding.

Series Number	ID		OD		Working Pressure (psi)		Vacuum Rating Hg (in)		Min. Bending Radius (in) at 68°F	Standard Length (ft)	Weight (lbs/ft)
	(in)	(mm)	(in)	(mm)	at 68°F	at 104°F	at 68°F	at 104°F			
SG150	1 1/2	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

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.

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