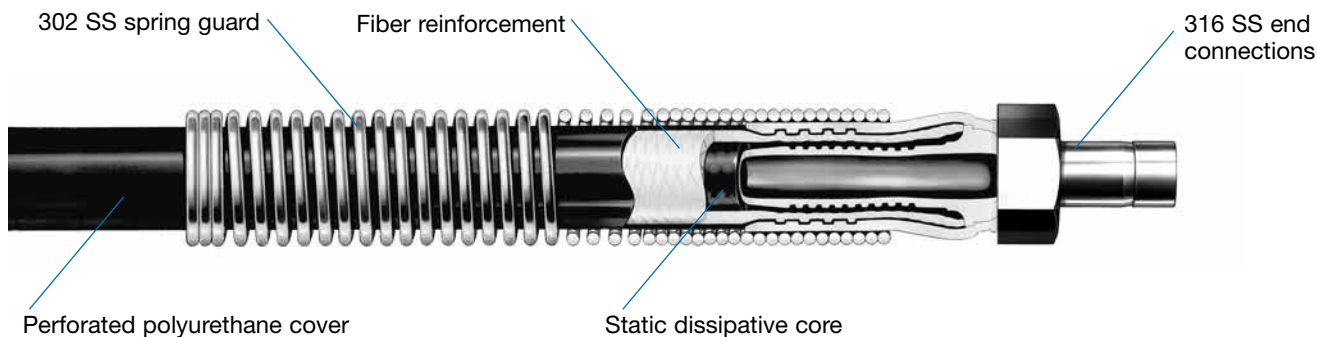
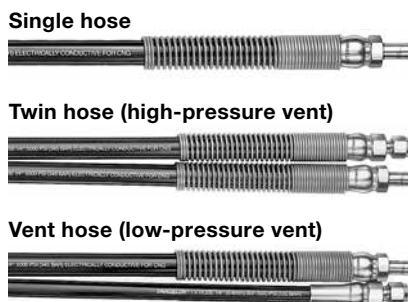


## NG Series Nylon Hose

### Features

- Designed for use with natural gas where static dissipation is required.
- Static dissipative, smooth-bore nylon core (Ω).
- Size range of 1/4, 3/8 and 1/2 in. and working pressures up to 5000 psig (344 bar).
- Internal fiber reinforcement enhances hose pressure rating.
- Perforated polyurethane cover resists abrasion.
- Single, twin bonded, and vent bonded hoses are available in custom assemblies.



### Technical Data

Hose Style (Series)	Nominal Hose Size in. (mm)	Inside Diameter in. (mm)	Outside Diameter in. (mm)	Minimum Inside Bend Radius in. (cm)	Temperature Range °F (°C)	Working Pressure at 70°F (20°C) psig (bar)	Burst Pressure at 70°F (20°C) psig (bar)	Bulk Hose Weight lb/ft (kg/m)
Single (NGS)	1/4 (6.4)	0.26 (6.6)	0.63 (16.0)	2.00 (5.08)	-40 to 150 (-40 to 65)	5000 (344)	20 000 (1378)	0.12 (0.17)
	3/8 (9.6)	0.38 (9.6)	0.77 (19.6)	4.00 (10.2)				0.15 (0.22)
	1/2 (12.7)	0.52 (13.2)	0.89 (22.6)	5.50 (14.0)				0.21 (0.32)
Twin (NGT)	1/4 (6.4)	0.26 (6.6)	0.63 (16.0)	2.00 (5.08)		Fill and vent 5000 (344)	Fill and vent 20 000 (1378)	0.25 (0.37)
	3/8 (9.6)	0.38 (9.6)	0.77 (19.6)	4.00 (10.2)				0.30 (0.44)
Vent <sup>①</sup> (NGV)	1/4 (6.4)	Fill 0.26 (6.6) Vent 0.26 (6.6)	Fill 0.63 (16.0) Vent 0.63 (16.0)	2.00 (5.08)		Fill 5000 (344) Vent 1500 (103)	Fill 20 000 (1378) Vent 6 000 (413)	0.15 (0.22)
	3/8 (9.6)	Fill 0.38 (9.6) Vent 0.26 (6.6)	Fill 0.77 (19.6) Vent 0.63 (16.0)	4.00 (10.2)	0.25 (0.37)			

① Low-pressure vent line does not have static dissipative core.

### Testing

Every Swagelok NG series hose assembly is factory tested for electrical conductivity.

### Cleaning and Packaging

Swagelok conductive core hose components are cleaned in accordance with Swagelok *Standard Cleaning and Packaging (SC-10)* (MS-06-62), page 1174. Each hose is bagged individually and boxed; longer hoses are coiled, bagged, and boxed.



### Warning:

All equipment must be properly grounded to allow static dissipation and help to prevent static sparking.

Periodic inspection of hose assembly is recommended. End-to-end electrical resistance of the hose assembly must not exceed 5 MΩ.