



# Aggressive Chemical Transfer Hose

## Series 4100

<b>Inner Wire:</b>	Stainless steel (S)
<b>Inner Liner:</b>	Polypropylene fabric
<b>Hose Wall:</b>	Multiple layers of fabric/film/tubes
<b>Cover:</b>	Green PVC coated polyester
<b>Outer Wire:</b>	Stainless steel (S)
<b>Temp Range:</b>	-40°F to +212°F (-40°C to +100°C)
<b>Brand Method:</b>	Black text on gold stripe
<b>Brand Example:</b>	PARKER SERIES 4100 AGGRESSIVE CHEMICAL TRANSFER HOSE 250 PSI MAX WP MADE IN USA
<b>Design Factor:</b>	4:1
<b>Industry Standards:</b>	None applicable
<b>Applications:</b>	Chemicals, inks, paints, plant processing, rail cars, tank trucks <b>NOTE:</b> Not for dry material service.
<b>Vacuum:</b>	Full
<b>Compare to:</b>	Apollo 1052S; Dantec SS/SG; Peraflex SSP/SGP Chemical; Tift 951 SS/SG; Uni-Chem SS/SG; Wilcox 4094SS/4091SG

Part Number	ID (in)	ID (mm)	Approx Wt (lbs/ft)	Min Bend Rad (in)	Max Rec WP (psi)	Max Lg (ft)
4100SS-1000	1	25.4	0.8	5.0	250	75
4100SS-1500	1-1/2	38.1	1.0	6.0	250	75
4100SS-2000	2	50.8	1.2	6.5	250	75
4100SS-2500	2-1/2	63.5	1.6	8.0	250	75
4100SS-3000	3	76.2	2.0	9.5	250	70
4100SS-4000	4	101.6	4.4	16.0	250	70
4100SS-6000	6	152.4	7.0	20.0	250	65
4100SS-8000	8	203.2	10.0	29.0	250	65

<b>Standard Wire:</b>	S (Stainless) inner and outer
<b>Available Wire Options:</b>	See table below
<b>Alternate P/N Example:</b>	4100SG-4000 (Stainless inner, Galvanized outer)
<b>Coupling Rec:</b>	Permanently attached one-piece male pipe or flanged ends; cam and groove. <a href="#">Refer to page 387</a> for standard factory coupling options.
<b>Assemblies:</b>	Per customer requirement; hydrostatically tested to 150% of the rated working pressure. Contact Parker.

### Available Component Materials

Component	Description	Alpha Designation in Hose Part Number
Inner Wire	Stainless Steel (316)	S
Outer Wire	Galvanized Steel	G
	Stainless Steel (316)	S
Inner Liner	Polypropylene	n/a (Standard)
Couplings	Carbon Steel	-
	Stainless Steel	-

See [page 387](#) for additional coupling materials data.

**⚠ WARNING!** It is the responsibility of the user to determine if the hose is suitable for the application. Elevated temperatures can change the chemical resistance ratings. Many chemicals will become more aggressive as temperatures increase, reducing the ability of hose materials to withstand them. Contact Parker for chemical compatibility data at elevated temperatures. [Refer to the Safety and Technical section](#) of this catalog for safety, handling and use information. [Refer to the Composite Hose table](#) in the Chemical Guide section of this catalog to determine compatibility with specific chemicals. Contact Parker for additional chemical compatibility information. If no data exists, users are required to perform compatibility testing at the desired temperature.

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