



Product Specification IH-SS201

GOLIATH (tm) High Pressure Grout Placement Hose

Revision - **Status** Active **Engineer** Tony Ciocca

Revision Date 11/17/2016 **Catalog Item?** Yes **Design Factor** 2:1

Scope Series SS201 is a high pressure placement hose for cement, grout, plaster and Shotcrete. The SBR tube provides abrasion resistance and the thick wall incorporates multiple plies of reinforcement for contraction/elongation control and kink resistance. The SBR cover is resistant to abrasion, cuts, gouges, scuffs and weathering.

Tube Black SBR

Cover Black SBR

Fluids
• Abrasive materials, cement, grout, plaster, Shotcrete
• Construction, general industrial

Vacuum Not Recommended

Temp Range -40°F to +180°F (-40°C to +82°C)

Reinforcement Multiple textile plies

Lengths Standard Packaging: 100 ft. Coils; 200 ft. coils upon request

Industry/Consumer Spec ASME B30.27-2009 2:1 WP to burst ratio.

Brand Description

Tape Brand - WHITE with GREEN letters
Inkjet date code and shift

Brand Information

PARKER SS201 GOLIATH HIGH PRESSURE GROUT HOSE XXX PSI WP

<u>Part Number</u>	<u>Dimensions</u> (inches)						<u>Ply</u>	<u>lbs/100 ft</u>	<u>MinBendRadius</u>	<u>Max PSI</u>
	<u>ID</u>	<u>±</u>	<u>±</u>	<u>OD</u>	<u>±</u>	<u>±</u>				
SS201-1250	1.252	0.031	0.031	1.898	0.063	0.063	4	79	0.000	1,200
SS201-1500	1.500	0.031	0.031	2.240	0.063	0.063	4	104	0.000	1,200
SS201-2000	2.000	0.063	0.063	2.803	0.063	0.063	4	144	0.000	1,200
SS201-2500	2.500	0.063	0.063	3.319	0.063	0.063	4	176	0.000	1,000
SS201-3000	3.000	0.063	0.063	3.961	0.063	0.063	6	249	0.000	1,000
SS201-4000	4.000	0.063	0.063	5.055	0.063	0.063	6	355	0.000	800

<u>Qualification Test</u>	<u>Requirement</u>	<u>Specification</u>	<u>Item</u>	<u>Frequency</u>
Burst	2 X WP	ASTM D380	3 MIN	Qualification
Length Change at WP	±5% @ WP	ASTM D380	3 MIN	Qualification
Twist at WP	6°/meter MAX	ASTM D380	3 MIN	Qualification
Adhesion, Tube	20 lb/in	ASTM D 413	3 MIN	Qualification
Adhesion, Cover	20 lb/in	ASTM D 413	3 MIN	Qualification
Adhesion Plies	20 lb/in	ASTM D 413	3 MIN	Qualification
Tensile, Tube and Cover	1000 psi	ASTM D 412	3 MIN	Qualification
Elongation, Tube and Cover	250%	ASTM D 412	3 MIN	Qualification
Durometer, Tube and Cover	70 Shore D (REF)	ASTM D 2240	3 MIN	Qualification

Qualification Comments

Supply (4) 1 m sections per size with qualification data.

Prototype Specification - Request crimp specification from Wickliffe Engineering for 43/48 series fittings

<u>Inspection</u>	<u>Requirement</u>	<u>Specification</u>	<u>Item</u>	<u>Frequency</u>
Dimensions OD	See Table	Laser Mic	All	Every Pole
Dimensions ID	See Table	Bore/ID Gauge	All	4 Cut Ends/Lot
Visual Defects	No Gouges, Folds, Cuts, Dents	RMA	All	Every Pole

<u>Revision</u>	<u>PCN</u>	<u>Date</u>	<u>Checked by</u>	<u>Reason for Change</u>
1	TBD	05/01/2016	RAM	Prototype Release