

A

Catalog Sections

- Hydraulic Hose
- Specialty Hose
- Hydraulic Hose Fittings
- Crimping Equipment
- General Purpose Hose (Push-Lok Plus) & Fittings
- Technical
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Parker Hose Nomenclature

Example: 387ST-8
387ST-8 - Hose Type
387ST-8 - Indicates the special feature of the hose (in this case, 'Tough Cover')
387ST-8 - Hose inside diameter dash size (in this case, 8/16" or 1/2")

B

C

D

E

F

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Hose Information

- Base part number
- Description
- SAE, ISO, and EN specifications

Hose Inner Diameter

Measured in 1/16 inch increments identified by use of a "dash"(-) numbering system. i.e., 4/16" = 1/4" = -4.

Hose Outer Diameter

A critical measurement when considering hose clamps and applications where envelope size is limited.

Hose Working Pressure

Should have a working pressure rating meeting or exceeding the maximum operating pressure of the system. The maximum rating is listed below for where the hose is to be used.

Visually shows **hose construction**.



387ST
Hydraulic - Constant Working Pressure
 ISO 18752



# Part Number	Super Tough 387ST ISO 18752 Performance	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Vacuum Rating		Approved Fitting	
		inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	inches of Hg	kPa	Parkrimp	Parkrimp
															43 Series
387ST-4	AC	1/4	6,3	0.53	13,4	3000	21,0	2	50	0.16	0,24	24	80	•	
387ST-6	AC	3/8	10	0.69	17,4	3000	21,0	2-1/2	65	0.23	0,34	24	80	•	
387ST-8	AC	1/2	12,5	0.82	20,7	3000	21,0	3-1/2	90	0.29	0,43	24	80	•	
387ST-10	AC	5/8	16	0.94	23,9	3000	21,0	4	100	0.33	0,49	24	80	•	
387ST-12	AC	3/4	19	1.10	27,8	3000	21,0	4-3/4	120	0.58	0,86	24	80	•	
387ST-16	AC	1	25	1.40	35,4	3000	21,0	6	150	0.79	1,17	24	80	•	
387ST-20	CC	1-1/4	31,5	1.82	46,3	3000	21,0	8-1/4	210	1.74	2,59	18	60	•	•
387ST-24	CC	1-1/2	38	2.08	52,8	3000	21,0	10	250	2.01	2,99	18	60	•	•
387ST-32	CC	2	51	2.61	66,2	3000	21,0	12-1/2	320	2.75	4,09	18	60	•	•

Application: Petroleum base hydraulic fluids and lubricating oils.

Inner Tube: Synthetic rubber.

Reinforcement: One-braid steel wire for sizes -4 to -8.
 Two-braid steel wire for sizes -10 to -16.
 Four-spiral steel wire for sizes -20 to -32.

Cover: SuperTough Cover: Synthetic rubber super abrasion resistant.

Fittings: 43 Series, sizes -4 to -20, per B-4.

For more information regarding hose application and temperature, see the Technical Section.

Minimum Bend Radius
 Is the smallest arc that the hose can be bent before its life is greatly reduced. Exceeding the bend radius can cause kinking, inner tube washout and excessive stress on reinforcement.

Weight
 Provided by the foot for instances where it is a critical parameter in the design of the system.

Approved Fitting
 To be used with the hose. Could be crimped or field attachable.