



ANY PRESSURE.
ANY PROJECT.
ONE SOLUTION.

GLOBAL**CORE**[™]

The world's first high-performance,
cohesive hose and fitting system.



ENGINEERING **YOUR** SUCCESS.

PROVEN PERFORMANCE. GLOBAL SOLUTION.



Providing one simple solution of robust hydraulic hoses designed to endure the tough conditions where work gets done, **GlobalCore** is the future that OEMs and end users around the world have been asking for.



HIGH PERFORMANCE

With GlobalCore hoses tested to twice their ISO 18752 standard, high performance in rugged environments and high impulse applications is ensured.



COHESIVE

GlobalCore is a unified system that delivers hoses designed, engineered, and manufactured to the global specification, ISO 18752, which is based on performance and pressure requirements.



GLOBAL

GlobalCore hoses are manufactured in major regions of the world, supporting the equipment they serve, regardless of where it was originally manufactured, or where it is today.



SIMPLE

Select the GlobalCore hose based on the working pressure required for your application and one of two fitting series in a wide array of configurations.



For the latest list of hose and agency approvals, visit parkerglobalcore.com.

187 HOSE

MEETING THE DEMANDS OF COMPLEX HYDRAULIC SYSTEMS AND HIGH PRESSURE RETURN LINES

Designed and engineered to ensure durability in continuously evolving higher pressure hydraulic systems, including rigorous mining applications, 187 Hose is unmatched in today's marketplace.



Part Number	Standard Cover	Tough Cover	Super Tough	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Vacuum Rating		Parkrimps	
	187	187TC	187ST	inch	mm	inch	mm	psi	Mpa	inch	mm	lbs/ft	kg/m	inches of Hg	kPa	Parkrimp 43 Series	Variable Crimp 43 Series
187-8	AC	AC	AC	1/2	12,5	0.81	21	1000	7,0	2-1/2	65	0.29	0,43	24	80	•	
187-10	AC	AC	AC	5/8	16,0	0.93	24	1000	7,0	3	75	0.33	0,49	24	80	•	
187-12	AC	AC	AC	3/4	19,0	1.08	27	1000	7,0	3-1/2	90	0.42	0,63	24	80	•	
187-16	AC	AC	AC	1	25,0	1.41	36	1000	7,0	4-1/2	114	0.61	0,91	24	80	•	
187-20	AC	AC	AC	1-1/4	31,5	1.75	44	1000	7,0	5-1/2	140	1.24	1,85	18	60	•	
187-24	AC	AC	AC	1-1/2	38,0	2.04	52	1000	7,0	9-3/4	248	1.32	1,96	18	60	•	
187-32	AC	AC	AC	2	51,0	2.54	65	1000	7,0	12-1/2	318	1.75	2,60	18	60	•	
187-40	AS	AS	AS	2-1/2	63,5	2.97	75	1000	7,0	20	508	2.04	3,04	18	60		•
187-48	AS	AS	AS	3	76,0	3.58	91	1000	7,0	20	508	2.77	4,12	18	60		•

Inner Tube: Synthetic Rubber | **Reinforcement:** One- or two-braid steel wire

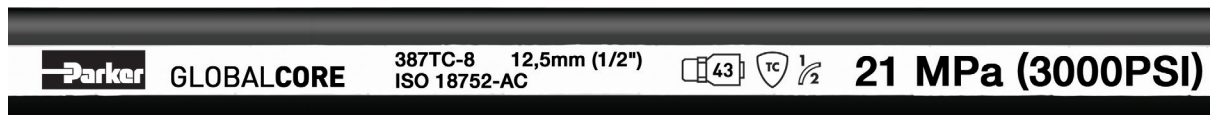
Temp. Range: Standard Cover: -40°F to +212°F (-40°C to +100°C) | ToughCover & SuperTough: -40°F to +257°F (-40°C to +125°C)

| For -40 & -48 sizes only -40°F to +212°F (-40°C to +100°C)

387 HOSE

DELIVERING VALUE AND PERFORMANCE FOR HIGH-PRESSURE APPLICATIONS

Lightweight and flexible, 387 Hose consistently delivers maximum performance and hose life across all sizes and markets using an efficient force-to-flex design.



Part Number	Standard Cover	Tough Cover	Super Tough	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Vacuum Rating		Parkrimps	
	387	387TC	387ST	inch	mm	inch	mm	psi	Mpa	inch	mm	lbs/ft	kg/m	inches of Hg	kPa	43 Series	77 Series
387-4	AC	AC	AC	1/4	6,3	0.53	13,4	3000	21	2	50	0.16	0,24	24	80	•	
387-6	AC	AC	AC	3/8	10	0.69	17,4	3000	21	2-1/2	65	0.23	0,34	24	80	•	
387-8	AC	AC	AC	1/2	12,5	0.82	20,7	3000	21	3-1/2	90	0.29	0,43	24	80	•	
387-10	AC	AC	AC	5/8	16	0.94	23,9	3000	21	4	100	0.33	0,49	24	80	•	
387-12	AC	AC	AC	3/4	19	1.10	27,8	3000	21	4-3/4	120	0.58	0,86	24	80	•	
387-16	AC	AC	AC	1	25	1.40	35,4	3000	21	6	150	0.79	1,17	24	80	•	
387-20	BC	CC	CC	1-1/4	31,5	1.82	46,3	3000	21	8-1/4	210	1.74	2,59	18	60	•	•
387-24	BC	CC	CC	1-1/2	38	2.08	52,8	3000	21	10	250	2.01	2,99	18	60		•
387-32	BC	CC	CC	2	51	2.61	66,2	3000	21	12-1/2	320	2.75	4,09	18	60		•

Reinforcement: One- or two-braid steel wire for sizes -4 to -16 | Four-spiral for sizes -20 to -32

Temp. Range: Standard Cover: -40°F to +212°F (-40°C to +100°C) | ToughCover & SuperTough: -40°F to +257°F (-40°C to +125°C)

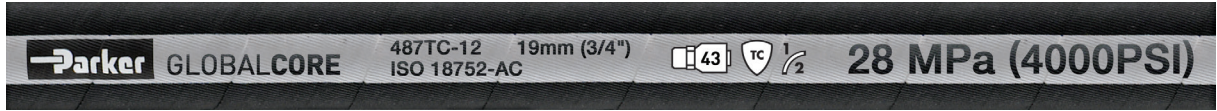
1000 PSI

3000 PSI

487 HOSE

HIGHLY FLEXIBLE ACROSS ALL SIZES

Constructed for high performance and easy handling with low force-to-flex for ease of installation, 487 Hose excels in multiple applications around the world.



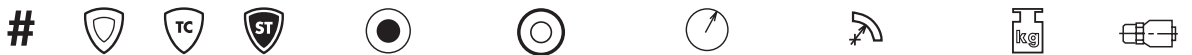
Part Number	Standard Cover	Tough Cover	Super Tough	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Parkrimps	
	487	487TC	487ST	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	43 Series	77 Series
ISO 18752 Performance															
487-4	AC	AC	AC	1/4	6,3	0.52	13,1	4000	28	2	50	0.20	0,30	•	
487-6	AC	AC	AC	3/8	10	0.68	17,2	4000	28	2-1/2	65	0.28	0,42	•	
487-8	AC	AC	AC	1/2	12,5	0.81	20,4	4000	28	3-1/2	90	0.35	0,52	•	
487-10	AC	AC	AC	5/8	16	0.94	23,9	4000	28	4	100	0.44	0,66	•	
487-12	AC	AC	AC	3/4	19	1.10	27,8	4000	28	4-3/4	120	0.58	0,86	•	
487-16	BC	CC	CC	1	25	1.49	37,8	4000	28	6	150	1.34	1,99	•	
487-20	BC	CC	CC	1-1/4	31,5	1.82	46,3	4000	28	8-1/4	210	1.74	2,59		•
487-24	BC	CC	CC	1-1/2	38	2.03	52,8	4000	28	10	250	2.07	3,08		•
487-32	BC	CC	CC	2	51	2.65	67,3	4000	28	12-1/2	320	4.35	6,47		•

Reinforcement: One- or two-braid steel wire for sizes -4 to -12 | Four-spiral wires for sizes -16 to -24 | Six-spiral wires for size -32
Temp. Range: Standard Cover: -40°F to +212°F (-40°C to +100°C) | ToughCover & SuperTough: -40°F to +257°F (-40°C to +125°C)

722 HOSE

RESILIENT 4-WIRE SPIRAL CONSTRUCTION

Engineered to ensure longer life in high-impulse, heavy-duty cycle applications, 722 Hose delivers maximum performance and efficiency.



Part Number	Standard Cover	Tough Cover	Super Tough	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Parkrimp	
	722	722TC	722ST	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	43 Series	
ISO 18752 Performance															
722-6	BC	CC	CC	3/8	10	0.78	19,9	4000	28	2-1/2	65	0.40	0,60	•	
722-8	BC	CC	CC	1/2	12,5	0.89	22,7	4000	28	3-1/2	90	0.54	0,80	•	
722-10	BC	CC	CC	5/8	16	1.04	26,4	4000	28	4	100	0.74	1,10	•	
722-12	BC	CC	CC	3/4	19	1.21	30,7	4000	28	4-3/4	120	0.94	1,40	•	
722-16	BC	CC	CC	1	25	1.50	37,8	4000	28	6	150	1.34	1,99	•	

Reinforcement: Four-spiral steel wire

Temp. Range: Standard Cover: -40°F to +212°F (-40°C to +100°C) | ToughCover & SuperTough: -40°F to +257°F (-40°C to +125°C)

787 HOSE

LIGHTER WEIGHT, HIGHER FLEXIBILITY, TIGHTER BEND RADIUS

With a compact spiral design offering greater advantages in routing and installation, 787 Hose delivers superior performance in a lightweight, low force-to-flex product.



Part Number	Standard Cover	Tough Cover	Super Tough	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Parkrimps	
	787	787TC	787ST	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	43 Series	77 Series
	ISO 18752 Performance														
787-4	AC	AC	AC	1/4	6,3	0.51	13	5000	35	2	50	0.21	0,31	•	
787-6	AC	AC	AC	3/8	10	0.68	17,2	5000	35	2-1/2	63	0.28	0,42	•	
787-8	BC	DC	DC	1/2	12,5	0.83	21,1	5000	35	3-1/2	90	0.45	0,67		•
787-10	BC	DC	DC	5/8	16	0.94	23,9	5000	35	4	100	0.54	0,80		•
787-12	BC	DC	DC	3/4	19	1.10	27,9	5000	35	4-3/4	120	0.78	1,16		•
787-16	BC	DC	DC	1	25	1.40	35,7	5000	35	6	150	1.17	1,74		•
787-20	BC	DC	DC	1-1/4	31,5	1.77	44,9	5000	35	8-1/4	210	1.95	2,89		•
787-24	BC	DC	DC	1-1/2	38	2.08	52,8	5000	35	10	255	2.66	3,96		•
787-32	BC	DC	DC	2	51	2.66	67,6	5000	35	12-1/2	318	4.37	6,50		•

Reinforcement: Two-braid steel wire for sizes -4 to -6 | Four- or six-compact spiral steel wires for sizes -8 to -32

Temp. Range: Standard Cover: -40°F to +212°F (-40°C to +100°C) | ToughCover & SuperTough: -40°F to +257°F (-40°C to +125°C) (-4 to -6 rated to +212°F)

797 HOSE

COMPACT DESIGN FOR TIGHTER ROUTING AND SPACE SAVINGS

Tested up to 2,000,000 cycles, 797 Hose provides enhanced chemical compatibility and service life with an easy-to-install compact spiral construction for high pressure, high impulse applications.



Part Number	Standard Cover	Tough Cover	Super Tough	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Parkrimps	
	797	797TC	797ST	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	43 Series	77 Series
	ISO 18752 Performance														
797-4	AC	AC	AC	1/4	6,3	0.51	13	6000	42	2	50	0.21	0,31	•	
797-6	BC	CC	CC	3/8	10	0.66	17	6000	42	2-1/2	63	0.31	0,46	•	
797-8	BC	DC	DC	1/2	12,5	0.83	21,1	6000	42	4	100	0.45	0,67		•
797-10	BC	DC	DC	5/8	16	0.94	23,9	6000	42	4-1/2	115	0.54	0,80		•
797-12	BC	DC	DC	3/4	19	1.10	27,9	6000	42	5-1/4	135	0.78	1,16		•
797-16	BC	DC	DC	1	25	1.40	35,7	6000	42	6-1/2	165	1.17	1,74		•
797-20	BC	DC	DC	1-1/4	31,5	1.77	44,9	6000	42	8-3/4	225	1.95	2,89		•
797-24	BC	CC	CC	1-1/2	38	2.08	52,8	6000	42	12	305	2.66	3,96		•
797-32	BC	CC	CC	2	51	2.66	67,6	6000	42	15	380	4.37	6,50		•

Reinforcement: Two-braid steel wire for size -4 | Four- or six-compact spiral steel wires for sizes -6 to -32

Temp. Range: Standard Cover: -40°F to +212°F (-40°C to +100°C) | ToughCover & SuperTough: -40°F to +257°F (-40°C to +125°C) (-4 rated to +212°F)

5000 PSI

6000 PSI

PARKER FLUID CONNECTORS GROUP

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Your complete source for quality tube fittings, hose & hose fittings, brass & composite fittings, quick-disconnect couplings, valves and assembly tools, locally available from a worldwide network of authorized distributors.

Fittings:

Available in inch and metric sizes covering SAE, BSP, DIN, GAZ, JIS and ISO thread configurations, manufactured from steel, stainless steel, brass, aluminum, nylon and thermoplastic.

Hose, Tubing and Bundles:

Available in a wide variety of sizes and materials including rubber, wire-reinforced, thermoplastic, hybrid and custom compounds.

Worldwide Availability:

Parker operates Fluid Connectors manufacturing locations and sales offices throughout North America, South America, Europe and Asia-Pacific.

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