

387 Hose

Delivering value and performance for high-pressure systems



Parker's GlobalCore 387 hose provides 3,000 psi (21 MPa) constant working pressure in all sizes. Available in a variety of cover options so you can match the right cover to your application, 387 hose offers you the choice of Standard, ToughCover and SuperTough. Designed, built and tested to the ISO 18752 performance specification, Parker's 387 hose is unmatched in today's marketplace.



- ½ ISO 18752 minimum bend radius
- Low force to flex for ease of installation
- 3,000 psi constant working pressure in all sizes
- Exceeds ISO 18752 performance specification (AC, BC and CC)
- Synthetic rubber inner tube provides a wider range of fluid compatibility
- TC cover provides 80 times the abrasion resistance compared to Standard rubber cover hose
- ST cover provides 450 times the abrasion resistance compared to Standard rubber cover hose



387 Hydraulic - Constant Working Pressure ISO 18752 - AC/BC/CC



# Part Number	Cover Options			Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Parkrimp	
	Standard Cover	Tough Cover	Super Tough	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	43 Series	77 Series
	387	387TC	387ST	ISO 18752 Performance											
-4	AC	AC	AC	1/4	6,3	0.53	13,4	3000	21	2	50	0.16	0,24	•	
-6	AC	AC	AC	3/8	10	0.69	17,4	3000	21	2-1/2	65	0.23	0,34	•	
-8	AC	AC	AC	1/2	12,5	0.82	20,7	3000	21	3-1/2	90	0.29	0,43	•	
-10	AC	AC	AC	5/8	16	0.94	23,9	3000	21	4	100	0.33	0,49	•	
-12	AC	AC	AC	3/4	19	1.10	27,8	3000	21	4-3/4	120	0.58	0,86	•	
-16	AC	AC	AC	1	25	1.40	35,4	3000	21	6	150	0.79	1,17	•	
-20	BC	CC	CC	1-1/4	31,5	1.82	46,3	3000	21	8-1/4	210	1.74	2,59	•	•
-24	BC	CC	CC	1-1/2	38	2.08	52,8	3000	21	10	250	2.01	2,99		•
-32	BC	CC	CC	2	51	2.61	66,2	3000	21	12-1/2	320	2.75	4,09		•

Application: Petroleum base hydraulic fluids and lubricating oils

Inner Tube: Synthetic rubber

Reinforcement: One- or two-braid steel wire (four-spiral for sizes -20,-24 and -32)

Cover: Standard Cover: Synthetic rubber

Tough Cover: Synthetic rubber abrasion resistant

Super Tough: Synthetic rubber super abrasion resistant

Fittings: 43 Series, sizes -4 to -20

77 Series, 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)

487 Hose

Highly flexible across all sizes



Parker's GlobalCore 487 hose provides 4,000 psi (28 MPa) constant working pressure in all sizes. Designed for high performance, 487 is available in a variety of cover options, including Standard, ToughCover and SuperTough. Its synthetic rubber inner tube provides a wider range of fluid compatibility. Rated to the ISO 18752 performance specification, 487 will excel in multiple applications around the world.



- ½ ISO 18752 minimum bend radius
- Low force to flex for ease of installation
- 4,000 psi constant working pressure in all sizes
- Exceeds ISO 18752 performance specification (AC, BC & CC)
- TC cover provides 80 times the abrasion resistance compared to Standard rubber cover hose
- ST cover provides 450 times the abrasion resistance compared to Standard rubber cover hose



487 Hydraulic - Constant Working Pressure ISO 18752 - AC/BC/CC



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

Application: Petroleum base hydraulic fluids and lubricating oils

Inner Tube: Synthetic rubber

Reinforcement: One- or two-braid steel wire (four- or six-spiral for sizes -20,-24 and -32)

Cover: Standard Cover: Synthetic rubber

Tough Cover: Synthetic rubber abrasion resistant

Super Tough: Synthetic rubber super abrasion resistant

Fittings: 43 Series, sizes -4 to -16

77 Series, 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)

722 Hose

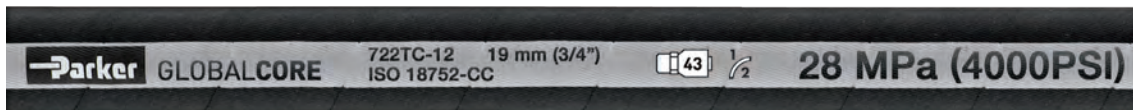
Resilient 4-wire spiral construction



Parker's GlobalCore 722 spiral hose provides 4,000 psi (28 MPa) constant working pressure in sizes -6 through -16. Designed for high-pressure, high-impulse applications, 722 hose is offered in Standard, ToughCover and SuperTough cover options. It is one-half the bend radius of 100R12 hose, making it easy to install and reducing the amount of hose needed. Exceeding the ISO 18752 performance specification, Parker's 722 hose excels in multiple applications around the world.



- 1/2 ISO 18752 minimum bend radius
- 4,000 psi constant working pressure
- Exceeds ISO 18752 performance specification (BC and CC)
- 4-spiral construction for longer life in high-impulse, heavy-duty cycle applications
- TC cover provides 80 times the abrasion resistance compared to Standard rubber cover hoses
- ST cover provides 450 times the abrasion resistance compared to Standard rubber cover hoses



722 Hydraulic - Constant Working Pressure ISO 18752 - BC/CC



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

Application: Petroleum base hydraulic fluids and lubricating oils

Inner Tube: Synthetic rubber

Reinforcement: Four-spiral steel wire

Cover: Standard Cover: Synthetic rubber

ToughCover: Synthetic rubber abrasion resistant

SuperTough: Synthetic rubber super abrasion resistant

Fittings: 43 Series

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 Compact Spiral™ Hose

Lighter weight, high flexibility makes installation easy



Parker's GlobalCore 787 hose provides 5,000 psi (35 MPa) constant working pressure in all sizes. Compared with conventional spiral hose, 787 hose offers measurably greater advantages in routing and installation, product size and weight, inventory savings and much more. The 787 hose exceeds the ISO 18752 performance specification.



- ½ ISO 18752 minimum bend radius
- 5,000 psi constant working pressure in all sizes
- Exceeds ISO 18752 performance specification (BC/DC)
- Nearly 30% smaller O.D. by area than SAE spiral
- Twice the impulse/life – tested to 2,000,000 cycles
- Flex impulse tested, providing a hose superior in both performance and service life
- 30% less hose weight than SAE spiral



787 Hydraulic - Constant Working Pressure ISO 18752 - BC/DC



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

Application: Petroleum-based hydraulic fluids, lubricating oils

Inner Tube: Proprietary synthetic rubber

Reinforcement: Four- or six-spiral steel wires

Cover: Standard Cover: Synthetic rubber

ToughCover: Synthetic rubber abrasion resistant

Fittings: 77 Series

Temp. Range: Standard Cover:

-40°F to +212°F (-40°C to +100°C)

ToughCover:

-40°F to +257°F (-40°C to +125°C)

797 Compact Spiral™ Hose

High pressure, low weight makes installation easy



Parker's GlobalCore 797 hose provides 6,000 psi (42 MPa) constant working pressure in all sizes. Compared with conventional spiral hose, 797 hose offers measurably greater advantages in routing and installation, product size and weight, inventory savings and much more. The 797 hose exceeds the ISO 18752 performance specification.



- ½ the bend radius of SAE spiral
- 6,000 psi constant working pressure in all sizes
- Exceeds ISO 18752 performance specification (BC/CC/DC)
- Nearly 30% smaller O.D. by area than SAE spiral
- Twice the impulse/life – tested to 2,000,000 cycles
- Flex impulse tested, providing a hose superior in both performance and service life
- 30% less hose weight than SAE spiral



797 Hydraulic - Constant Working Pressure ISO 18752 - BC/CC/DC



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

Application: Petroleum-based hydraulic fluids, lubricating oils

Inner Tube: Proprietary synthetic rubber

Reinforcement: Four- or six-spiral steel wires

Cover: Standard Cover: Synthetic rubber

ToughCover: Synthetic rubber abrasion resistant

Fittings: 77 Series

Temp. Range: Standard Cover:

-40°F to +212°F (-40°C to +100°C)

ToughCover:

-40°F to +257°F (-40°C to +125°C)