

A close-up, grayscale photograph of a Parker GlobalCore hose and fitting system. The hose is the central focus, with several fittings attached. The Parker logo and 'GLOBALCORE' are visible on the hose. Text on the hose includes 'MADE IN ITALY', 'F TO +257°', and '-A'.

ANY PRESSURE.
ANY PROJECT.
ONE SOLUTION.

GLOBALCORE™

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.

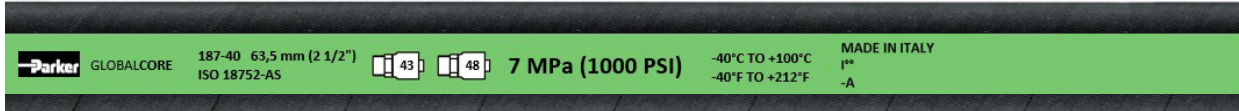


For the latest list of hose and agency approvals, visit parkerglobalcore.com.

187 HOSE

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

Designed, build and tested to the ISO 18752 performance specifications. For high pressure return line applications in all markets.



Part Number	ISO 18752 Performance			Hose I.D.				Hose O.D. mm	Pressure Rating				Vaccum* kPa	min. bend radius mm	weight kg
	Standard Cover 187	Tough Cover 187TC	Super Tough 187ST	DN	Inch	Size	mm		max. working pressure		min. burst pressure				
	MPa	psi	MPa	psi	MPa	psi	MPa		psi						
187XX-40	AS	AS	AS	63	2 1/2	-40	63.5	75.0	7.0	1000	28.0	4000	60	508	3.04
187XX-48	AS	AS	AS	76	3	-48	76.2	87.0	7.0	1000	28.0	4000	60	508	3.38

Reinforcement:

Two-braid steel wire

Temperature Range:

Standard Cover: -40°C to +100°C

ToughCover & SuperTough: -40°C to +100°C

Fitting Series:

Series 48, 2-piece

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	ISO 18752 Performance			Hose I.D.				Hose O.D. mm	Pressure Rating				min. bend radius mm	weight kg
	Standard Cover 387	Tough Cover 387TC	Super Tough 387ST	DN	Inch	Size	mm		max. working pressure		min. burst pressure			
	MPa	psi	MPa	psi	MPa	psi	MPa		psi	MPa	psi			
387XX-4	AC	AC	AC	6	1/4	-4	6.4	13.4	21.0	3000	84.0	12000	50	0.24
387XX-6	AC	AC	AC	10	3/8	-6	9.5	17.4	21.0	3000	84.0	12000	65	0.34
387XX-8	AC	AC	AC	12	1/2	-8	12.7	20.7	21.0	3000	84.0	12000	90	0.43
387XX-10	AC	AC	AC	16	5/8	-10	15.9	23.9	21.0	3000	84.0	12000	100	0.49
387XX-12	AC	AC	AC	19	3/4	-12	19.1	27.8	21.0	3000	84.0	12000	120	0.86
387XX-16	AC	AC	AC	25	1	-16	25.4	35.4	21.0	3000	84.0	12000	150	1.17
387XX-20	BC	CC	CC	31	1 1/4	-20	31.8	46.3	21.0	3000	84.0	12000	210	2.59
387XX-24	BC	CC	CC	38	1 1/2	-24	38.1	52.8	21.0	3000	84.0	12000	250	2.99
387XX-32	BC	CC	CC	51	2	-32	50.8	66.2	21.0	3000	84.0	12000	320	4.09

Reinforcement:

One- or two-braid steel wire for sizes -4 to -16

Four-spiral for sizes -20 to -32

Temperature Range:

Standard Cover: -40°C to +100°C

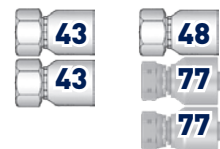
ToughCover & SuperTough: -40°C to +125°C

Fitting Series:

Series 43/48 for sizes -4 to -16

Series 43/77 for size -20

Series 77 for sizes -24 to -32



487 HOSE

HIGHLY FLEXIBLE ACROSS ALL SIZES

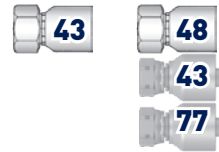
Constructed for high performance and easy handling with low force-to-flex for ease of installation, 487 Hose excels in multiple applications around the world.



Part Number	ISO 18752 Performance			Hose I.D.				Hose O.D.	Pressure Rating				min. bend radius	weight
	Standard Cover 487	Tough Cover 487TC	Super Tough 487ST	DN	Inch	Size	mm		max. working pressure		min. burst pressure			
								MPa	psi	MPa	psi	mm	kg	
487XX-4	AC	AC	AC	6	1/4	-4	6.4	13.1	28.0	4000	112.0	16000	50	0.30
487XX-6	AC	AC	AC	10	3/8	-6	9.5	17.2	28.0	4000	112.0	16000	65	0.42
487XX-8	AC	AC	AC	12	1/2	-8	12.7	20.4	28.0	4000	112.0	16000	90	0.52
487XX-10	AC	AC	AC	16	5/8	-10	15.9	23.9	28.0	4000	112.0	16000	100	0.66
487XX-12	AC	AC	AC	19	3/4	-12	19.1	27.8	28.0	4000	112.0	16000	120	0.86
487XX-16	BC	CC	CC	25	1	-16	25.4	37.8	28.0	4000	112.0	16000	150	1.99
487XX-20	BC	CC	CC	31	1 1/4	-20	31.8	46.3	28.0	4000	112.0	16000	210	2.59
487XX-24	BC	CC	CC	38	1 1/2	-24	38.1	52.8	28.0	4000	112.0	16000	250	3.08
487XX-32	BC	CC	-	51	2	-32	50.8	64.8	28.0	4000	112.0	16000	320	4.09

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
Temperature Range:
 Standard Cover: -40°C to +100°C
 ToughCover & SuperTough: -40°C to +125°C

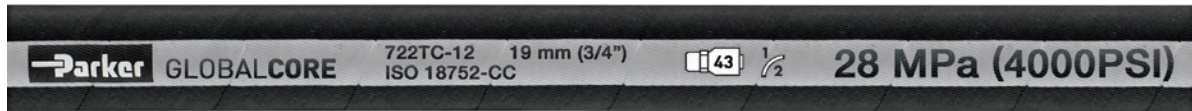
Fitting Series:
 Series 43/48 for sizes -4 to -12
 Series 43 for size -16
 Series 77 for sizes -20 to -32



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	ISO 18752 Performance			Hose I.D.				Hose O.D.	Pressure Rating				min. bend radius	weight
	Standard Cover 722	Tough Cover 722TC	Super Tough 722ST	DN	Inch	Size	mm		max. working pressure		min. burst pressure			
								MPa	psi	MPa	psi	mm	kg	
722XX-6	BC	CC	CC	10	3/8	-6	9.5	19.9	28.0	4000	112.0	16000	65	0.60
722XX-8	BC	CC	CC	12	1/2	-8	12.7	22.7	28.0	4000	112.0	16000	90	0.80
722XX-10	BC	CC	CC	16	5/8	-10	15.9	26.4	28.0	4000	112.0	16000	100	1.10
722XX-12	BC	CC	CC	19	3/4	-12	19.1	30.7	28.0	4000	112.0	16000	120	1.40
722XX-16	BC	CC	CC	25	1	-16	25.4	37.8	28.0	4000	112.0	16000	150	1.99

Reinforcement:
 Four-spiral steel wire
Temperature Range:
 Standard Cover: -40°C to +100°C
 ToughCover & SuperTough: -40°C to +125°C

Fitting Series:
 Series 43



787 HOSE

LIGHTER WEIGHT, HIGHER FLEXIBILITY, TIGHTER BEND RADIUS

With a Compact Spiral design that offers enhanced chemical compatibility in routing and installation, 787 Hose delivers superior performance in a lightweight, force-to-flex product.



Part Number	ISO 18752 Performance			Hose I.D.				Hose O.D.		Pressure Rating				min. bend radius	weight	
	Standard Cover 787	Tough Cover 787TC	Super Tough 787ST	DN	Inch	Size	mm	mm	max. working pressure	min. burst pressure	MPa	psi	MPa			psi
	MPa	psi	MPa	psi	mm	kg										
787XX-4	AC	AC	AC	6	1/4	-4	6.3	13.0	35.0	5000	140.0	20000	50	0.31		
787XX-6	AC	AC	AC	10	3/8	-6	10.0	17.2	35.0	5000	140.0	20000	63	0.42		
787XX-8	BC	DC	DC	12	1/2	-8	12.7	21.1	35.0	5000	140.0	20000	90	0.67		
787XX-10	BC	DC	DC	16	5/8	-10	15.9	23.9	35.0	5000	140.0	20000	100	0.80		
787XX-12	BC	DC	DC	19	3/4	-12	19.1	27.9	35.0	5000	140.0	20000	120	1.16		
787XX-16	BC	DC	DC	25	1	-16	25.4	35.7	35.0	5000	140.0	20000	150	1.74		
787XX-20	BC	DC	DC	31	1 1/4	-20	31.8	44.9	35.0	5000	140.0	20000	210	2.89		
787XX-24	BC	DC	DC	38	1 1/2	-24	38.1	52.8	35.0	5000	140.0	20000	255	3.96		
787XX-32	BC	DC	DC	51	2	-32	50.8	67.6	35.0	5000	140.0	20000	318	6.50		

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

Temperature Range:

Standard Cover: -40°C to +100°C

ToughCover & SuperTough: -40°C to +125°C [-4 to -6 rated to +100°C]

Fitting Series:

Series 43/48 for sizes -4 and -6

Series 77 for sizes -8 to -32



35 MPa (5000 psi)

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	ISO 18752 Performance			Hose I.D.				Hose O.D.		Pressure Rating				min. bend radius	weight	
	Standard Cover 797	Tough Cover 797TC	Super Tough 797ST	DN	Inch	Size	mm	mm	max. working pressure	min. burst pressure	MPa	psi	MPa			psi
	MPa	psi	MPa	psi	mm	kg										
797XX-4	AC	AC	AC	6	1/4	-4	6.3	13.0	42.0	6000	168.0	24000	50	0.31		
797XX-6	BC	CC	CC	10	3/8	-6	10.0	17.0	42.0	6000	168.0	24000	63	0.46		
797XX-8	BC	DC	DC	12	1/2	-8	12.7	21.1	42.0	6000	168.0	24000	100	0.67		
797XX-10	BC	DC	DC	16	5/8	-10	15.9	23.9	42.0	6000	168.0	24000	115	0.80		
797XX-12	BC	DC	DC	19	3/4	-12	19.1	27.9	42.0	6000	168.0	24000	135	1.16		
797XX-16	BC	DC	DC	25	1	-16	25.4	35.7	42.0	6000	168.0	24000	165	1.74		
797XX-20	BC	DC	DC	31	1 1/4	-20	31.8	44.9	42.0	6000	168.0	24000	225	2.89		
797XX-24	BC	CC	CC	38	1 1/2	-24	38.1	52.8	42.0	6000	168.0	24000	305	3.96		
797XX-32	BC	CC	CC	51	2	-32	50.8	67.6	42.0	6000	168.0	24000	380	6.50		

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

Temperature Range:

Standard Cover: -40°C to +100°C

ToughCover & SuperTough: -40°C to +125°C [-4 rated to +100°C]

Fitting Series:

Series 43/48 for sizes -4

Series 43 for size -6

Series 77 for sizes -8 to -32



42 MPa (6000 psi)

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US Product Information Centre

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