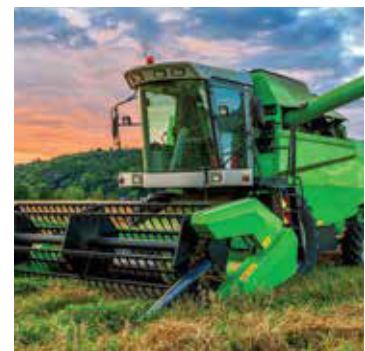




Mangueras Hidráulicas Catálogo Pahusa



ENGINEERING YOUR SUCCESS.

HYDRAULIC

722

Markets



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. Meeting the ISO 18752 performance specification, Parker's 722 hose excels in multiple applications around the world.

- ½ 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 and ST cover 450 times abrasion resistance when compared to standard covers

Performance



722

Hydraulic – Constant Working Pressure
ISO 18752



# Part Number	Cover Options		Hose I.D.		Working Pressure		Minimum Bend Radius		Weight		Parkrimp
	Standard Cover	Tough Cover									
	722	722TC	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	
722-6	BC	CC	3/8	10	4000	28,0	2-1/2	65	0.40	0,60	•
722-8	BC	CC	1/2	12,5	4000	28,0	3-1/2	90	0.54	0,80	•
722-10	BC	CC	5/8	16	4000	28,0	4	100	0.74	1,10	•
722-12	BC	CC	3/4	19	4000	28,0	4-3/4	120	0.94	1,40	•
722-16	BC	CC	1	25	4000	28,0	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 Cover: Synthetic rubber super abrasion resistant.

Fittings: 43 Series - pg. B-27.

Temperature Range: Standard Cover: -40°F to +212°F (-40°C to +100°C) - BC.

ToughCover & SuperTough Cover: -40°F to +257°F (-40°C to +125°C).

HYDRAULIC

787

Markets



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

- ½ ISO 18752 minimum bend radius
- 5,000 psi constant working pressure in all sizes
- Meets ISO 18752 performance specification
- Nearly 30% smaller O.D. by area than SAE spiral
- Twice the impulse/life – tested up to 2,000,000 cycles
- Flex impulse tested providing a hose superior in both performance and service life
- Less hose weight than SAE spiral
- TC cover provides 80 times and ST cover 450 times abrasion resistance when compared to standard covers

Performance



787

Hydraulic – Constant Working Pressure
ISO 18752



# Part Number	Cover		Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Parkrimp	
	Standard Cover	Tough Cover									kg		Parkrimp	Parkrimp
	787	787TC	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	43 Series	77 Series
787-12	BC	DC	3/4	19	1.10	27,9	5000	35,0	4-3/4	120	0.78	1,16		•
787-16	BC	DC	1	25	1.40	35,7	5000	35,0	6	150	1.17	1,74		•
787-20	BC	DC	1-1/4	31,5	1.77	44,9	5000	35,0	8-1/4	210	1.95	2,89		•
787-24	BC	DC	1-1/2	38	2.08	52.8	5000	35.0	10	255	2.66	3.96		•

Application: Petroleum-based hydraulic fluids, lubricating oils.

Inner Tube: Proprietary synthetic rubber.

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

Cover: Standard Cover: Synthetic rubber.

ToughCover: Synthetic rubber abrasion resistant.

SuperTough Cover: Synthetic rubber super abrasion resistant.

Fittings: 43 Series: sizes -4 to -6 - pg. B-27.

77 Series: sizes -8 to -32 - pg. B-92.

Temperature Range: Standard Cover: -40°F to +212°F (-40°C to +100°C).

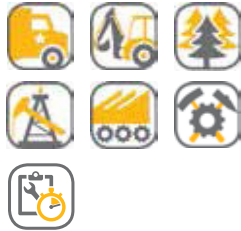
ToughCover & SuperTough Cover: -40°F to +257°F (-40°C to +125°C).

(-4 to -6 rated to +212°F).

HYDRAULIC

797

Markets



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

- 1/2 the bend radius of SAE spiral
- 6,000 psi constant working pressure in all sizes
- Meets ISO 18752 performance specification
- Nearly 30% smaller O.D. by area than SAE spiral
- Twice the impulse/life – tested up to 2,000,000 cycles
- Flex impulse tested providing a hose superior in both performance and service life
- Less hose weight than SAE spiral
- TC cover provides 80 times and ST cover 450 times abrasion resistance when compared to standard covers

Performance



797

Hydraulic – Constant Working Pressure
ISO 18752



# Part Number	ISO 18752 Performance			Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Fittings	
	Standard Cover 797	Tough Cover 797TC	Super Tough Cover 797ST	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	Parkrimp 43 Series	Parkrimp 77 Series
	797-8	BC	DC	DC	1/2	12,5	0.83	21,1	6000	42,0	4	100	0.45	0,67	
797-12	BC	DC	DC	3/4	19	1.10	27,9	6000	42,0	5-1/4	135	0.78	1,16		•
797-16	BC	DC	DC	1	25	1.40	35,7	6000	42,0	6-1/2	165	1.17	1,74		•
797-20	BC	DC	DC	1-1/4	31,5	1.77	44,9	6000	42,0	8-3/4	225	1.95	2,89		•
797-24	BC	CC	CC	1-1/2	38	2.08	52,8	6000	42,0	12	305	2.66	3,96		•

Application: Petroleum-based hydraulic fluids, lubricating oils.

Inner Tube: Proprietary synthetic rubber.

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

Cover: Standard Cover: Synthetic rubber.

ToughCover: Synthetic rubber abrasion resistant.

SuperTough Cover: Synthetic rubber super abrasion resistant.

Fittings: 43 Series: sizes -4 to -6 - pg. B-27.

77 Series: sizes -8 to -32 - pg. B-92.

Temperature Range: Standard Cover: -40°F to +212°F (-40°C to +100°C).

ToughCover & SuperTough Cover: -40°F to +257°F (-40°C to +125°C).

(-4 rated to +212°F).

E

HYDRAULIC

Markets



781

Parker's 781 hose is designed for high-pressure applications and for high-impulse, high-duty cycles.

- 4- or 6-wire spiral construction
- Constant working pressure – 5000 psi in all sizes
- Meets SAE 100R13 specifications

781

Hydraulic

ISO 3862-1 TYPE R13 / SAE J517 100R13 / SAE J1942 / EN 856 TYPE R13



RETAZOS

# Part Number	Hose I.D.		Working Pressure		Minimum Bend Radius		Weight		Parkrimp 78 Series
	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	
781-12	3/4	19	5000	35,0	9-1/2	240	1.07	1,59	•
781-16	1	25	5000	35,0	12	300	1.48	2,20	•
781-20	1-1/4	31,5	5000	35,0	16-1/2	420	2.48	3,69	•
781-24	1-1/2	38	5000	35,0	20	500	3.22	4,79	•

Application: Petroleum base hydraulic fluids and lubricating oil

Inner Tube: Synthetic rubber.

Reinforcement: Four or six spiral steel wire.

Cover: Synthetic rubber, MSHA accepted.

Temperature Range: -40°F to +257°F (-40°C to +125°C).

Fittings: 78 Series - pg. B-124.

HYDRAULIC

Markets



P35

Parker's P35 hose is a large-bore 2 inch hose, which is ideal for high pressure applications.

- No-Skive design eliminates the need to remove the hose cover before crimping
- Approved with S6 Series fittings
- MSHA accepted cover

P35

Hydraulic

ISO 3862-1 TYPE R13 / SAE J517 100R13 / SAE J1942 / EN 856 TYPE R13



# Part Number	Hose I.D.		Working Pressure		Minimum Bend Radius		Weight		Parkrimp S6 Series
	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	
P35-32	2	51	5000	35,0	25	630	5.03	7,48	•

NOTE: P35-32 Hose must be crimped with S6 Series fittings.

Application: Petroleum base hydraulic fluids and lubricating oil

Inner Tube: Synthetic rubber.

Reinforcement: Six spiral steel wire.

Cover: Synthetic rubber, MSHA accepted.

Temperature Range: -40°F to +257°F (-40°C to +125°C).

Fittings: S6 Series - pg. B-133.

- See Section C for Parkrimp Assembly Instructions.
- Temperature Range of other media listed in Section E.

HYDRAULIC

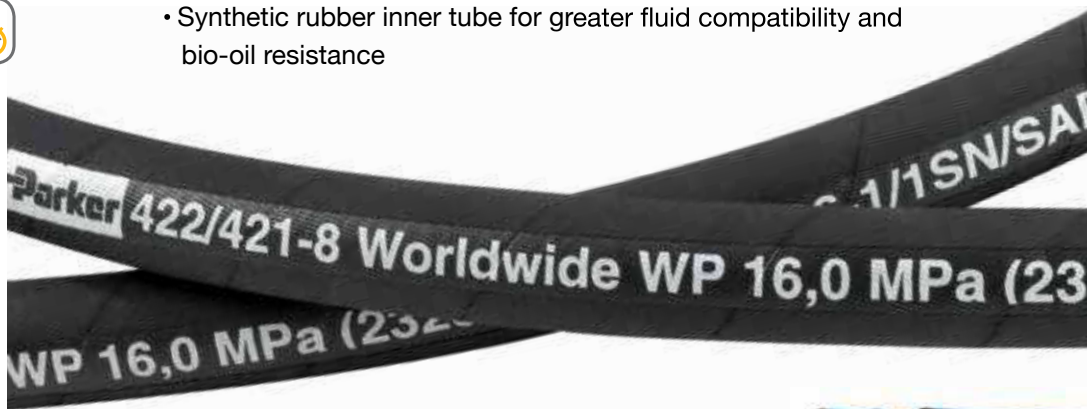
422

Markets



Parker's worldwide hose line is designed to accommodate global customer requirements. Manufactured to strict international specifications, 422 hose offers customers consistency of performance combined with improved availability anywhere in the world.

- One-wire braid hose design manufactured to international specifications (ISO 1436-1 Type 1SN)
- Increased working pressures for improved reliability and expanded applications versus standard SAE 100R1
- Synthetic rubber inner tube for greater fluid compatibility and bio-oil resistance



422

Hydraulic Worldwide

ISO 1436-1 TYPE 1SN / SAE J517 100R1AT / SAE J1942 / EN 853 TYPE 1SN

# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Vacuum Rating		Field Attachable	
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	inches of Hg	kPa	43 Series	42 Series
422-4	1/4	6,3	0.53	13	3250	22,5	4	100	0.16	0,24	24	81	•	•
422-6	3/8	10	0.68	17	2600	18,0	5	130	0.23	0,34	24	81	•	•
422-8	1/2	12,5	0.81	21	2325	16,0	7	180	0.29	0,43	24	81	•	•
422-10	5/8	16	0.94	24	1875	13,0	8	200	0.33	0,49	24	81	•	•
422-12	3/4	19	1.09	28	1525	10,5	9-1/2	240	0.42	0,63	24	81	•	•
422-16	1	25	1.41	36	1275	8,8	12	300	0.63	0,94	24	81	•	•
422-24	1-1/2	38	2	51	725	5,0	20	500	1	1,49	18	61	•	

Application: Petroleum base hydraulic fluids and lubricating oil

Inner Tube: Synthetic rubber.

Reinforcement: One braid steel wire.

Cover: Synthetic rubber.

Temperature Range: -40°F to +212°F (-40°C to +100°C).

Fittings: 43 Series - pg. B-27.

42 Series - pg. B-189.

- Field Attachable Assembly Instructions are in Section B with each Fittings Series.
- See Section C for Parkrimp Assembly Instructions.
- Temperature Range of other media listed in Section E.

HYDRAULIC

302

Markets



Parker's 302 hose, a universal two-wire construction hose designed to accommodate global customer requirements, is manufactured to strict international quality specifications. Parker's 302 offers customers consistency of performance combined with continuous availability anywhere in the world. It offers a high working pressure, long service life and a wide fluid compatibility.

- Universal two-wire hose design manufactured to international specifications (ISO 1436-1 Type 2SN)
- Increased working pressures for improved reliability and expanded applications
- Synthetic rubber inner tube for greater fluid compatibility and bio-oil resistance



302

Hydraulic Worldwide

ISO 1436-1 TYPE 2SN / SAE J517 100R2AT / SAE J1942 / EN 853 TYPE 2SN



# Part Number	Hose ID		Working Pressure		Minimum Bend Radius		Weight		Hg Vacuum Rating		Parkrimp	Field Attachable
	inch	mm	psi	Mpa	inch	mm	lbs/ft	kg/m	inches of Hg	kPa	43 Series	30 Series
302-4	1/4	6,3	5800	40	4	100	0.26	0,39	28	95	•	•
302-6	3/8	10	4750	33	5	130	0.37	0,55	28	95	•	•
302-8	1/2	12,5	4000	28	7	180	0.45	0,67	28	95	•	•
302-10	5/8	16	3600	25	8	200	0.52	0,77	28	95	•	•
302-12	3/4	19	3100	21,5	9-1/2	240	0.67	1,00	24	80	•	•
302-16	1	25	2400	16,5	12	300	1.00	1,49	24	80	•	•
302-20	1-1/4	31,5	1800	12,5	16-1/2	420	1.16	1,73	24	80	•	•
302-24	1-1/2	38	1300	9	20	500	1.44	2,14	24	80	•	•
302-32	2	51	1150	8	25	630	1.99	2,96	24	80	•	•

Application: Petroleum base hydraulic fluids and lubricating oil

Inner Tube: Synthetic rubber.

Reinforcement: Two braids steel wire.

Cover: Synthetic rubber.

Temperature Range: -40°F to +212°F (-40°C to +100°C).

Fittings: 43 Series - pg. B-27.

30 Series - pg. B-183.

- Field Attachable Assembly Instructions are in Section B with each Fittings Series.
- See Section C for Parkrimp Assembly Instructions.
- Temperature Range of other media listed in Section E.

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