

HYDRAULIC

JK – Jack Hose

Markets



Parker Jack Hose should be your choice for use on hydraulically powered jacking equipment. From its engineered inner tube, and twin braids of high-tensile steel reinforcement, to its durable outer cover, our hydraulic Jack Hose has been designed for high performance, easily supporting the rigors of high tonnage hydraulic jack applications. Jack Hose comes with the added benefits of the world’s largest distributor network and Parker’s unequalled technical services.

- 10,500 max working pressure
- Engineered inner tube provides exceptional hydraulic fluid compatibility
- No-Skive design eliminates the need to remove hose cover before crimping



JK Hydraulic – Jack Hose

SAE 100R2 AT / ISO 1436-1 TYPE 2SN / EN 853 TYPE 2SN / 1J100,NFPA 1936

# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Parkrimp 43 Series
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	
JK-4	1/4	6,3	0.59	15	10500	72,4	4	100	0.26	0,39	●
JK-6	3/8	10	0.75	22	10000	70	5	125	0.37	0,55	●

NOTE: THIS PRODUCT CAN ONLY BE ASSEMBLED BY CERTIFIED DISTRIBUTORS OR CUSTOMERS ACCORDING TO THE METHODS PRESCRIBED IN BULLETIN 4480-T18-US. JK HOSE HAS A 2:1 DESIGN FACTOR.

Application: Petroleum base hydraulic fluids and lubricating oils.

Inner Tube: Synthetic rubber

Reinforcement: Two braids steel wire

Cover: Synthetic rubber, MSHA accepted

Temperature Range: -40°F to +120°F (-40°C to +49°C)

Fittings: 10143-4-4, 10143-4-6, 10143-6-4, 10143-6-6 pg. B-27.

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

HYDRAULIC 422

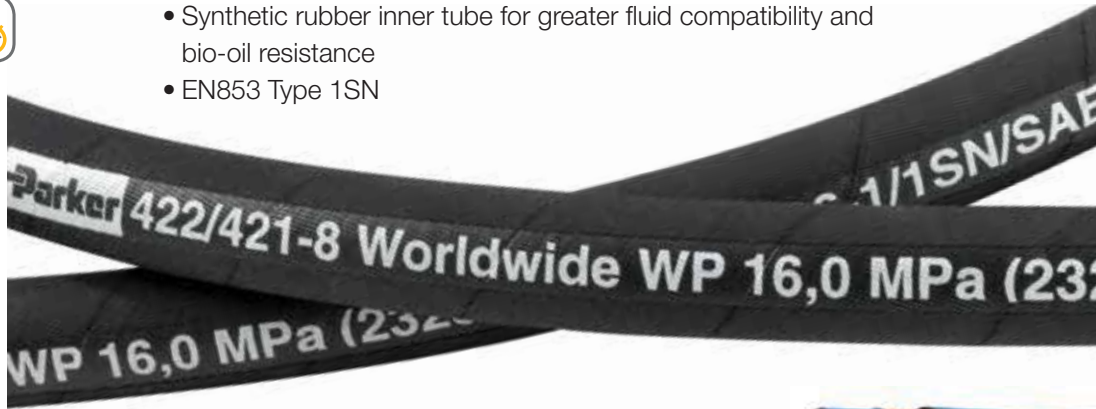
A

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
- EN853 Type 1SN



422

Hydraulic Worldwide

ISO 1436-1 TYPE 1SN/SAE 100R1 TYPE AT, J1942 / EN 853 TYPE 1SN / USCG HF / DNV / ABS



B

C

D

E

# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Vacuum Rating		Parkrimp	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	•	•
422-5	5/16	6,3	0.59	15	3125	21,5	4-1/2	115	0.18	0,27	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	•	•
422-20	1-1/4	31,5	1.79	45	900	6,3	16-1/2	420	0.8	1,19	18	61	•	•
422-24	1-1/2	38	2	51	725	5,0	20	500	1	1,49	18	61	•	•
422-32	2	51	2.54	64	575	4,0	25	630	1.5	2,24	18	61	•	•

Application: Petroleum base hydraulic fluids and lubricating oils.

Inner Tube: Synthetic rubber.

Reinforcement: One braid steel wire.

Cover: Synthetic rubber.

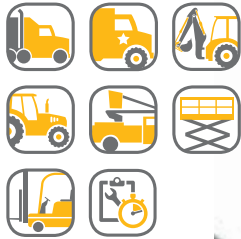
Temperature Range: -40°F to +212°F (-40°C to +100°C).

Fittings: 43 Series - pg. B-25.
42 Series - pg. B-179.

- 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 482TC/ST

Markets



Synthetic rubber inner tube provides wide fluid compatibility.

- 1/2 minimum bend radius for ease of routing
- Meets SAE 100R1 specification



Performance



482TC

Hydraulic – Tough Cover

SAE 100R1 TYPE AT, J1942 / ISO 1436-1 TYPE 1SN / EN853 TYPE 1SN / USCG H



482ST

Hydraulic – Super Tough Cover

SAE 100R1 TYPE AT / ISO 1436-1 TYPE 1SN / EN853 TYPE 1SN



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Parkrimp 43 Series	Field Attachable 42 Series
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m		
482TC/ST-4	1/4	6,3	0.53	14	3250	22,7	2	50	0.16	0,24	•	•
482TC-5	5/16	8	0.59	15	3250	22,7	2-1/4	55	0.18	0,27	•	•
482TC/ST-6	3/8	10	0.69	17	3000	21,0	2-1/2	65	0.23	0,34	•	•
482TC/ST-8	1/2	12,5	0.82	21	2500	17,5	3-1/2	90	0.29	0,43	•	•
482TC/ST-10	5/8	16	0.94	24	2000	14,0	4	100	0.33	0,49	•	•
482TC/ST-12	3/4	19	1.09	28	1750	12,2	4-3/4	120	0.42	0,63	•	•
482TC/ST-16	1	25	1.41	36	1275	8,8	6	150	0.63	0,94	•	•

Application: Petroleum base hydraulic fluids and lubricating oils.

Inner Tube: Synthetic rubber.

Reinforcement: One braid steel wire.

Cover: Synthetic rubber abrasion resistant, MSHA accepted.

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

Fittings: 43 Series - pg. B-25.
42 Series - pg. B-179.

- 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.

A

B

C

D

E

HYDRAULIC

426

A

Markets



Designed for high-temperature applications that can handle temperatures up to 302° F.

- Engine compartment applications
- Meets SAE 100R1 specification
- Distinctive blue cover indicates high temperature rating
- Temperature up to 302° F

Performance



B

426

Hydraulic – High-Temperature

SAE 100R1 TYPE AT, J1942 / USCG HF / ABS



C

# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Parkrimp 43 Series
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	
426-4	1/4	6,3	0.53	13	2750	19,2	4	100	0.16	0,24	●
426-6	3/8	10	0.68	17	2250	15,7	5	125	0.23	0,34	●
426-8	1/2	12,5	0.81	21	2000	14,0	7	180	0.29	0,43	●
426-10	5/8	16	0.94	24	1500	10,5	8	200	0.33	0,49	●
426-12	3/4	19	1.09	28	1250	8,7	9-1/2	240	0.44	0,65	●
426-16	1	25	1.40	36	1000	7,0	12	300	0.66	0,98	●
426-20	1-1/4	31,5	1.79	45	625	4,3	16-1/2	420	0.94	1,40	●
426-24	1-1/2	38	2.00	51	500	3,5	20	500	0.98	1,46	●
426-32	2	51	2.54	64	375	2,6	25	630	1.46	2,18	●

D

Application: Petroleum base hydraulic fluids and lubricating oils.

Inner Tube: PKR®

Reinforcement: One braid steel wire.

Cover: PKR® rubber, blue, MSHA accepted

Temperature Range: -50°F to +302°F (-46°C to +150°C).

Fittings: 43 Series - pg. B-25.

E

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

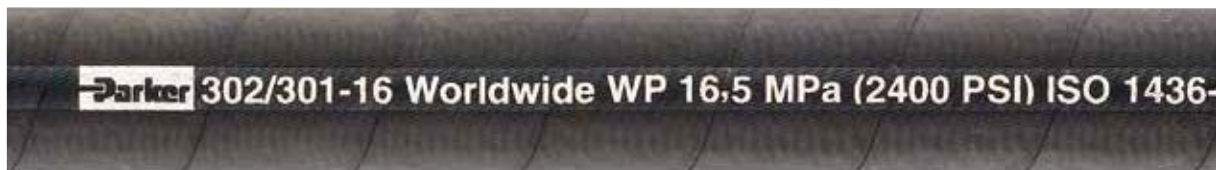
HYDRAULIC 302

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 100R2 TYPE AT, J1942 / EN 853 TYPE 2SN / USCG HF / DNV / ABS / BV



# Part Number	Hose ID		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Parkrimp 43 Series	Field Attachable 30 Series
	inch	mm	inch	mm	psi	Mpa	inch	mm	lbs/ft	kg/m		
302-4	1/4	6,3	0.59	15,0	5800	40	4	100	0.26	0,39	•	•
302-5	5/16	8	0.65	16,6	5000	35	4-1/2	115	0.28	0,42	•	•
302-6	3/8	10	0.75	19,0	4750	33	5	130	0.37	0,55	•	•
302-8	1/2	12,5	0.88	22,3	4000	28	7	180	0.45	0,67	•	•
302-10	5/8	16	1.00	25,5	3600	25	8	200	0.52	0,77	•	•
302-12	3/4	19	1.16	29,4	3100	21,5	9-1/2	240	0.67	1,00	•	•
302-16	1	25	1.50	38,1	2400	16,5	12	300	1.00	1,49	•	•
302-20	1-1/4	31,5	1.86	47,1	1800	12,5	16-1/2	420	1.16	1,73	•	•
302-24	1-1/2	38	2.14	54,5	1300	9	20	500	1.44	2,14	•	•
302-32	2	51	2.64	67,2	1150	8	25	630	1.99	2,96	•	•

Application: Petroleum base hydraulic fluids and lubricating oils.

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-25.
30 Series - pg. B-173.

- 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

431

A

Markets



For applications with tighter routing requirements and needing a reduced bend radius, 431 features a compact construction and 1/2 minimum bend radius.

- Features a smaller O.D. for tighter routing
- Compact construction
- Half the minimum bend radius

B

Performance



431 Hydraulic SAE J1942 / USCG H



C

# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Parkrimp	Field Attachable
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	43 Series	42 Series
431-4	1/4	6,3	0.53	13	5000	34,5	2	50	0.18	0,27	•	
431-5	5/16	8	0.59	15	4250	29,3	2-1/4	55	0.24	0,36	•	•
431-6	3/8	10	0.68	17	4000	27,5	2-1/2	65	0.28	0,42	•	•
431-8	1/2	12,5	0.81	21	3500	24	3-1/2	90	0.34	0,51	•	•
431-10	5/8	16	0.94	24	2750	19	4	100	0.44	0,66	•	•
431-12	3/4	19	1.09	28	2250	15,5	4-3/4	120	0.54	0,80	•	•
431-16	1	25	1.41	36	2000	13,8	6	150	0.82	1,22	•	•

Application: Petroleum base hydraulic fluids and lubricating oils.

Inner Tube: Synthetic rubber.

Reinforcement: Two braids steel wire.

Cover: Synthetic rubber, MSHA accepted.

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

Fittings: 43 Series - pg. B-25.
42 Series - pg. B-179.

D

E

- 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

436

Markets



Performance



With one-half the minimum SAE bend radius and a smaller hose O.D., 436 hose has the flexibility to work in almost any application – including tight spots. Engineered to withstand high pressure within a wide range of working temperatures, Parker 436 is not only versatile, but dependable over a long hose life. For quality, service and value, there's simply no match.

- Compact construction provides easier routing
- Temperatures up to 302° F
- Distinctive blue cover indicates high temperature capability
- Reduced bend radius and excellent flexibility
- 2-wire braided reinforcement with smaller construction
- Meets SAE 100R16 / ISO 11237 Type R16 specifications

436 Hydraulic – Compact High Temperature SAE 100R16 / ISO 11237 TYPE R16



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Parkrimp	Field Attachable
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	43 Series	42 Series
436-6	3/8	10	0.68	17	4000	27,5	2-1/2	65	0.28	0,42	•	•
436-8	1/2	12,5	0.81	21	3500	24	3-1/2	90	0.34	0,51	•	•
436-10	5/8	16	0.94	24	2750	19	4	100	0.44	0,66	•	•
436-12	3/4	19	1.09	28	2250	15,5	4-3/4	120	0.54	0,80	•	•
436-16	1	25	1.41	36	2000	13,8	6	150	0.82	1,22	•	•

Application: Petroleum base hydraulic fluids and lubricating oils.

Inner Tube: PKR®

Reinforcement: Two braids steel wire.

Cover: PKR rubber, blue, MSHA accepted.

Temperature Range: -55°F to +302°F (-48°C to +150°C).

Fittings: 43 Series - pg. B-25.
42 Series - pg. B-179.

- 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

471TC/ST

A

Markets

2-wire braided compact construction.



- Smaller O.D. for ease of installation
- Approved with 43 Series fittings
- Provides 1/2 minimum bend radius



B

C

Performance



471TC

Hydraulic – Tough Cover

J1942 / ISO 11237 / EN 857 TYPE 2SC / USCG HF / DNV / ABS / BV

471ST

Hydraulic – Super Tough Cover

ISO 11237 / EN 857 TYPE 2SC



D

# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Vacuum Rating		Parkrimp 43 Series
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	inches of Hg	kPa	
471TC/ST-4	1/4	6,3	0.51	13	5800	40,0	2	50	0.20	0,30	28	95	●
471TC/ST-6	3/8	10	0.68	17	5000	35,0	2-1/2	65	0.28	0,42	28	95	●
471TC/ST-8	1/2	12,5	0.80	20	4250	29,7	3-1/2	90	0.35	0,52	28	95	●
471TC/ST-10	5/8	16	0.94	24	3625	25,0	4	100	0.44	0,66	28	95	●
471TC/ST-12	3/4	19	1.09	28	3125	21,5	4-3/4	120	0.58	0,86	24	80	●
471TC/ST-16	1	25	1.40	35	2500	17,5	6	150	0.79	1,17	24	80	●

For larger sizes see 472TC.

Application: Petroleum base hydraulic fluids and lubricating oils.

Inner Tube: Synthetic rubber.

Reinforcement: Two braids steel wire.

Cover: Synthetic rubber abrasion resistant, MSHA accepted.

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

Fittings: 43 Series - pg. B-25.

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

E

HYDRAULIC

471TC Twin Tough

Markets



Twin Tough hoses eliminate the labor and material costs required to manually bundle two separate hoses using tie straps or plastic sleeves. Plus, Parker's Twin Tough saves valuable time in the field.

- 5000 psi constant working pressure in -6-6 and 4000 psi in -8-8
- Two-wire braided construction
- Abrasion-resistant TC cover



Performance



471TC Hydraulic – Twin Tough Cover

J1942 / ISO 11237 / EN 857 TYPE 2SC / USCG HF / DNV / ABS / BV

# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Parkrimp 43 Series
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	
471TC-6-6	3/8	10	0.68	17	5000	35,0	2-1/2	65	0.56	0,84	●
471TC-8-8	1/2	12,5	0.80	20	4250	29,7	3-1/2	90	0.70	1,04	●

For assembly instructions see page C-16.

Application: Petroleum base hydraulic fluids and lubricating oils.

Inner Tube: Synthetic rubber.

Reinforcement: Two braids steel wire.

Cover: Synthetic rubber abrasion resistant, MSHA accepted.

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

Fittings: 43 Series - pg. B-25.

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

A

B

C

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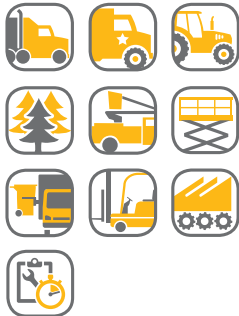
E

HYDRAULIC

472TC

A

Markets



Performance



Large sizes offered for bigger jobs.

- Synthetic rubber inner tube provides wide fluid compatibility
- Available in larger sizes: -20, -24, -32
- 2-wire braided construction



472TC

Hydraulic – Tough Cover

SAE J1942-1 USCG HF Type B / EN 857 TYPE 2SC / DNV / ABS

# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Parkrimp 43 Series
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	
472TC-20	1-1/4	31,5	1.79	45	2250	15,7	8-1/4	210	1.34	2,01	•
472TC-24	1-1/2	38	2.01	51	1800	12,5	10	250	1.44	2,16	•
472TC-32	2	51	2.54	65	1300	9,0	12-1/2	315	1.93	2,90	•

Application: Petroleum base hydraulic fluids and lubricating oils.

Inner Tube: Synthetic rubber.

Reinforcement: Two braids steel wire.

Cover: Synthetic rubber abrasion resistant, MSHA accepted.

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

Fittings: 43 Series - pg. B-25.

B

C

D

E

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

HYDRAULIC

AX

Markets



Designed for many markets and applications requiring a one-wire braided hose.

- 1-wire braided construction
- Approved with HY Series fittings

AX Hydraulic SAE J1942 / USCG H



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Parkrimp HY Series
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	
AX-04	1/4	6,3	0.50	13	3000	21	2	50	0.15	0,22	●
AX-06	3/8	10	0.62	16	3000	21	2-1/2	65	0.19	0,28	●
AX-08	1/2	12,5	0.75	19	2500	17,5	3-1/2	90	0.24	0,36	●
AX-10	5/8	16	0.88	22	1500	10,5	4	100	0.29	0,43	●
AX-12	3/4	19	1.01	26	1250	8,7	4-3/4	120	0.34	0,51	●
AX-16	1	25	1.29	33	1000	7	6	150	0.48	0,72	●

Application: Petroleum base hydraulic fluids and lubricating oils.

Inner Tube: Synthetic Rubber.

Reinforcement: One braid steel wire.

Cover: Synthetic rubber, MSHA accepted.

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

Fittings: HY Series - pg. B-132.

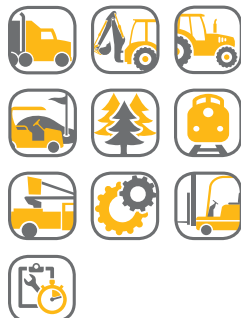
- See Section C for Parkrimp Assembly Instructions.
- Temperature Range of other media listed in Section E.

HYDRAULIC

BXX

A

Markets



Designed as a 2-wire braided option for selected pressure/temperature ranges, up to 5000 psi.

- Designed as a cost competitive option for applications not requiring industry standard specifications
- 2-wire braided construction
- Approved with HY Series fittings

BXX

Hydraulic

SAE J1942 / USCG H



B

C

D

E

# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Parkrimp HY Series
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	
BXX-04	1/4	6,3	0.59	15	5000	35	4	100	0.27	0,40	●
BXX-06	3/8	10	0.74	19	4000	28	5	125	0.38	0,57	●
BXX-08	1/2	12,5	0.87	22	3500	24,5	7	180	0.46	0,69	●
BXX-10	5/8	16	1.00	25	2750	19,2	8	200	0.55	0,82	●
BXX-12	3/4	19	1.15	29	2250	15,7	9-1/2	240	0.65	0,97	●
BXX-16	1	25	1.49	38	2000	14	12	305	0.98	1,46	●

Application: Petroleum base hydraulic fluids and lubricating oils.

Inner Tube: Synthetic rubber.

Reinforcement: Two braids steel wire.

Cover: Synthetic rubber, MSHA accepted.

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

Fittings: HY Series - pg. B-132.

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

HYDRAULIC 722TC / ST

Markets



722TC hose was designed for high performance. Its resilient 4-wire spiral construction and Parker's leading Tough Cover® provide unmatched application usage. 722TC hose provides SAE 100R12 performance enabling its use in a wide variety of applications. It is also one-half the bend radius of SAE 100R12 hose, making it easy to install and reducing the amount of hose needed and its synthetic rubber inner tube provides a wider range of fluid compatibility.

- Half the bend radius of SAE 100R12 hose, reducing the amount of hose needed to make your connection
- 4-spiral construction for longer lasting hose in high impulse, heavy duty cycle applications
- SAE 100R12 performance to cover a wide variety of applications
- 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
- Compatible with 43 and 71 Series fittings, providing the broadest offering of end configurations in steel and stainless steel.



Performance



722TC / ST

Hydraulic – Tough Cover

SAE 100R12, J1942 / ISO 3862-1 TYPE R12 / EN 856 TYPE R12 / USCG HF / DNV / ABS

# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Parkrimp	Parkrimp
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	43 Series	71 Series
722TC/ST-20	1-1/4	31,4	1.84	46	3000	21,0	8-1/4	210	1.74	2,59	•	
722TC/ST-24	1-1/2	38	2.07	53	2500	17,5	10	250	2.01	2,99		•
722TC/ST-32	2	51	2.59	66	2500	17,5	12-1/2	320	2.75	4,09		•

- Application:** Petroleum based hydraulic fluids, lubricating oils.
- Inner Tube:** Synthetic rubber.
- Reinforcement:** Four spiral steel wire.
- Cover:** Synthetic rubber, MSHA accepted.
- Temperature Range:** -40°F to +257°F (-40°C to 125°C).
- Fittings:** 43 Series, sizes -6 to -20 - pg. B-25.
71 Series, size -24 to -32 - pg. B-69.

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



HYDRAULIC

721, 721TC

A

Markets



The Parker 721 family of hoses pushes the envelope in high-pressure applications where space is tight. Critical high-pressure applications in limited spaces calls for 721 hose. With its one-half SAE 100R12 minimum bend radius and abrasion resistant cover offering, 721 hose enables you to use less hose while guarding against hose-to-hose and hose-to-object abrasion. No matter how demanding the environment, 721 hose will keep your equipment working hard.

- One-half SAE 100R12 minimum bend radius means you use less hose
- Specially engineered Tough Cover compound resists abrasion in aggressive environments
- Up to 4000 psi working pressure
- Unique three-color layline makes hose easy to identify

B

Performance



721

Hydraulic

SAE 100R12 / ISO 3862-1 TYPE R12 / EN 856 TYPE R12



721TC

Hydraulic – Tough Cover

SAE 100R12, J1942 / ISO 3862-1 TYPE R12 / EN 856 TYPE R12 / USCG HF / DNV / ABS



C

D

E

# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Parkrimp 71 Series
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	
721/721TC-6	3/8	10	0.80	20	4000	28,0	2-1/2	62,5	0.40	0,60	●
721/721TC- 8	1/2	12,5	0.93	24	4000	28,0	3-1/2	90	0.62	0,93	●
721/721TC-10	5/8	16	1.08	27	4000	28,0	4	100	0.74	1,10	●
721/721TC-12	3/4	19	1.21	31	4000	28,0	4-3/4	120	0.94	1,40	●
721/721TC-16	1	25	1.50	38	4000	28,0	6	150	1.34	1,99	●
721/721TC-20	1-1/4	31,5	1.84	46	3000	21,0	8-1/4	210	1.74	2,59	●
721/721TC-24	1-1/2	38	2.07	53	2500	17,5	10	250	2.01	2,99	●
721/721TC-32	2	51	2.59	66	2500	17,5	12-1/2	320	2.75	4,09	●

Application: Petroleum base hydraulic fluids and lubricating oils.

Inner Tube: Synthetic rubber.

Reinforcement: Four spiral steel wire.

Cover: Synthetic rubber abrasion resistant, MSHA accepted.

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

Fittings: 71 Series - pg. B-69.

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

HYDRAULIC

721ST

Markets



The Parker 721 family of hoses pushes the envelope in high-pressure applications where space is tight. Critical high-pressure applications in limited spaces calls for 721 hose. With its one-half SAE 100R12 minimum bend radius and abrasion resistant cover offering, 721 hose enables you to use less hose while guarding against hose-to-hose and hose-to-object abrasion. No matter how demanding the environment, 721 hose will keep your equipment working hard.

- One-half SAE 100R12 minimum bend radius means you use less hose
- Specially engineered Tough Cover compound resists abrasion in aggressive environments
- Up to 4000 psi working pressure
- Unique three-color layline makes hose easy to identify

Performance



721ST

Hydraulic – SuperTough Cover

SAE 100R12 / ISO 3862-1 TYPE R12 / EN 856 TYPE R12



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Parkrimp 71 Series
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	
721ST-8	1/2	12,5	0.94	24	4000	28,0	3-1/2	90	0.54	0,80	●
721ST-10	5/8	16	1.08	27	4000	28,0	4	100	0.74	1,10	●
721ST-12	3/4	19	1.21	31	4000	28,0	4-3/4	120	0.94	1,40	●
721ST-16	1	25	1.50	38	4000	28,0	6	150	1.34	1,99	●
721ST-20	1-1/4	31,5	1.84	46	3000	21,0	8-1/4	210	1.74	2,59	●

Application: Petroleum base hydraulic fluids and lubricating oils.

Inner Tube: Synthetic rubber.

Reinforcement: Four spiral steel wire.

Cover: Synthetic rubber abrasion resistant, MSHA accepted.

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

Fittings: 71 Series - pg. B-69.

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

A

B

C

D

E

HYDRAULIC

701, 731

Markets



4-wire spiral construction meeting European EN 456 4SP or 4SH standard.

- These two hoses pair together to provide a wide range of sizes for applications that need to meet European specifications



701 Hydraulic

SAE J1942 / ISO 3862-1 TYPE 4SP / EN 856 TYPE 4SP / USCG H, HF / ABS

# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Parkrimp 70 Series
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	
701-6	3/8	10	0.84	21	6500	45,0	7	180	0.52	0,78	●
701-8	1/2	12,5	0.97	25	6000	41,5	9	230	0.62	0,93	●
701-10	5/8	16	1.11	28	5000	35,0	10	250	0.77	1,15	●

Application: Petroleum base hydraulic fluids and lubricating oils.

Inner Tube: Synthetic rubber.

Reinforcement: Four spiral steel wire.

Cover: Synthetic rubber.

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

Fittings: 70 Series - pg. B-59.



731 Hydraulic

SAE J1942 / ISO 3862-1 TYPE 4SH / EN 856 TYPE 4SH / USCG HF / DVN / ABS

# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Parkrimp 73 Series
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	
731-12	3/4	19	1.27	32	6000	42,0	11	280	1.16	1,72	●
731-16	1	25	1.52	39	5500	38,0	13-1/2	340	1.44	2,14	●
731-20	1-1/4	31,5	1.79	45	4700	32,5	18	460	1.99	2,96	●
731-24	1-1/2	38	2.10	53	4200	29,0	22	560	2.15	3,20	●
731-32	2	51	2.68	68	3600	25,0	27	700	3.56	5,30	●

Application: Petroleum base hydraulic fluids and lubricating oils.

Inner Tube: Synthetic rubber.

Reinforcement: Four spiral steel wire.

Cover: Synthetic rubber.

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

Fittings: 73 Series - pg. B-83.

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