

**HYDRAULIC**

**451TC/ST, 451TC Twin Tough**



Parker 451TC and 451ST hydraulic hoses are what to specify when abrasion resistance and ease of use are required. Plus, you can choose the cover that provides the abrasion resistance for your application.

- One-half SAE 100R1 minimum bend radius – flexible, easy to work with and install
- Specially engineered TC and ST covers prolong hose life and minimize downtime
- 3,000 psi constant working pressure in all sizes
- Exceeds SAE 100R17 specification



**451TC  
Hydraulic – Tough Cover**

SAE 100R17, J1942 / ISO 11237 – 1 TYPE R17 – Constant Working Pressure / USCG HF / ABS



**451ST  
Hydraulic – Super Tough Cover**

SAE 100R17 / ISO 11237 - 1 TYPE R17 – Constant Working Pressure



**Application:** Petroleum base hydraulic fluids and lubricating oils.  
**Inner Tube:** Synthetic rubber.  
**Reinforcement:** One or two braid steel wire (4-spiral for size -20).  
**Cover:** Synthetic rubber abrasion resistant, MSHA accepted.  
**Temperature Range:** -40°F to +212°F (-40°C to +100°C).  
**Fittings:** 43 Series - pg. B-27.

# 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	
451TC/ST-4	1/4	6,3	0.52	13	3000	21,0	2	50	0.16	0,24	●
451TC/ST-6	3/8	10	0.68	17	3000	21,0	2-1/2	65	0.23	0,34	●
451TC/ST-8	1/2	12,5	0.80	20	3000	21,0	3-1/2	90	0.35	0,52	●
451TC/ST-10	5/8	16	0.94	24	3000	21,0	4	100	0.44	0,66	●
451TC/ST-12	3/4	19	1.10	28	3000	21,0	4-3/4	120	0.58	0,86	●
451TC/ST-16	1	25	1.40	35	3000	21,0	6	150	0.79	1,17	●
451TC/ST-20	1-1/4	31,5	1.85	47	3000	21,0	8-1/4	210	1.50	2,23	●

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



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.

- 3,000 psi constant working pressure in -6-6 and -8-8
- One-wire braided construction
- Abrasion-resistant TC cover



**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-27.

**451TC Hydraulic – Twin Tough Cover**

SAE 100R17, J1942 / ISO 11237 – 1 TYPE R17 – Constant Working Pressure / USCG HF / 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	
451TC-6-6	3/8	10	0.68	17	3000	21,0	2-1/2	65	0.46	0,68	●
451TC-8-8	1/2	12,5	0.80	20	3000	21,0	3-1/2	90	0.70	1,04	●

For assembly instructions see page C-18.

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

# HYDRAULIC

# 711



711 hose is a medium-pressure, 4-wire spiral constructed hose offered in two large I.D. sizes. Designed for high-impulse, long-life applications like injection molding.

- 3000 psi constant working pressure

**Application:** Petroleum base hydraulic fluids and lubricating oils.

**Inner Tube:** Synthetic rubber.

**Reinforcement:** Four spiral steel wire.

**Cover:** Synthetic rubber, MSHA accepted.

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

**Fittings:** 71 Series - pg. B-71.

## 711 Hydraulic

J1942 / USCG HF / DNV / ABS



# 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	
711-24	1-1/2	38,0	2.07	53	3000	21,0	22	560	2.01	2,99	●
711-32	2	51,0	2.59	66	3000	21,0	28	710	2.75	4,09	●

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

**HYDRAULIC**

**351TC/ST**



351TC – Braided construction offering 4000 psi is more flexible than its standard spiral counterpart.

- Specifically engineered TC and ST covers prolong hose life and minimize downtime
- 4000 psi constant working pressure in all sizes
- Exceeds SAE 100R19, J517 specifications



**351TC**

**Hydraulic – Tough Cover**

SAE 100R19, J517 – Constant Working Pressure



**351ST**

**Hydraulic – Super Tough Cover**

SAE 100R19, J517 – Constant Working Pressure



**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-27.

# 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	
351TC/ST-4	1/4	6,3	.51	13	4000	28	2	50	0.20	0,30	●
351TC/ST-6	3/8	10	.67	17	4000	28	2-1/2	65	0.28	0,42	●
351TC/ST-8	1/2	12,5	.80	20	4000	28	3-1/2	90	0.35	0,52	●
351TC/ST-10	5/8	16	.93	24	4000	28	4	100	0.44	0,66	●
351TC/ST-12	3/4	19	1.09	28	4000	28	4-3/4	120	0.58	0,86	●

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



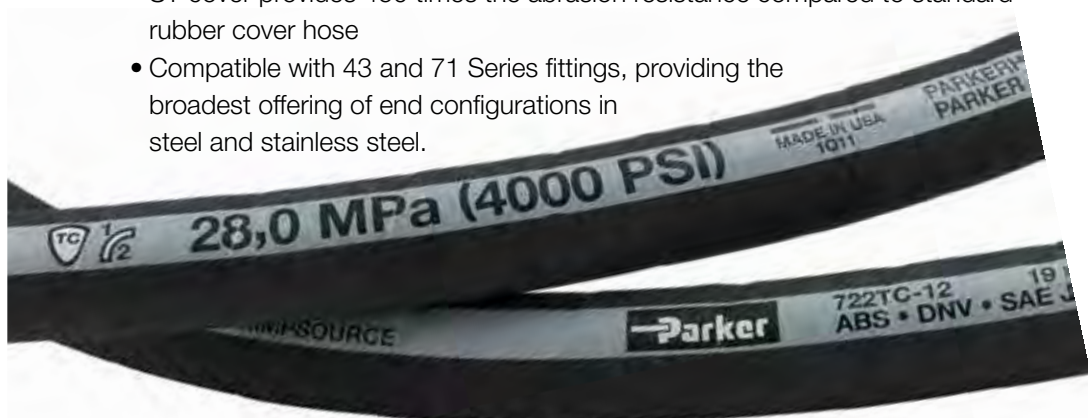
HYDRAULIC

722TC / ST



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.



722TC / ST

Hydraulic – Tough Cover

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



**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-27.  
 71 Series, size -24 to -32 - pg. B-71.

# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Parkrimp 43 Series	Parkrimp 71 Series
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m		
722TC/ST-6	3/8	10	0.80	20	4000	28,0	2-1/2	65	0.40	0,60	•	
722TC/ST-8	1/2	12,5	0.93	24	4000	28,0	3-1/2	90	0.54	0,80	•	
722TC/ST-10	5/8	16	1.06	27	4000	28,0	4	100	0.74	1,10	•	
722TC/ST-12	3/4	19	1.21	31	4000	28,0	4-3/4	120	0.94	1,40	•	
722TC/ST-16	1	25	1.50	38	4000	28,0	6	150	1.34	1,99	•	
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		•

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

# HYDRAULIC

# 772TC/ST



Durable four-spiral construction with synthetic rubber inner tube providing a wider range of fluid compatibility.

- Synthetic rubber inner tube provides a wider range of fluid compatibility
- Meets SAE 100R12 specifications

## 772TC

### Hydraulic – Tough Cover

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



## 772ST

### Hydraulic – Super Tough Cover

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



**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-71.

# 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	
772TC/ST-6	3/8	10	0.79	20	4000	28,0	5	125	0.40	0,60	●
772TC/ST-8	1/2	12,5	0.94	24	4000	28,0	7	180	0.62	0,93	●
772TC/ST-10	5/8	16	1.08	27	4000	28,0	8	200	0.74	1,10	●
772TC/ST-12	3/4	19	1.21	31	4000	28,0	9-1/2	240	0.94	1,40	●
772TC/ST-16	1	25	1.50	38	4000	28,0	12	300	1.34	1,99	●
772TC/ST-20	1-1/4	31,5	1.84	46	3000	21,0	16-1/2	420	1.74	2,59	●
772TC/ST-24	1-1/2	38	2.07	53	2500	17,5	20	500	2.01	2,99	●
772TC/ST-32	2	51	2.59	66	2500	17,5	25	630	2.75	4,09	●

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

**HYDRAULIC**

**721, 721TC**



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

**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



**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-71.

# 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	●

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

**HYDRAULIC**

**721ST**

A



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



**721ST**  
**Hydraulic – SuperTough Cover**

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

**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-71.

# 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	●

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



**COMPACT SPIRAL™**

**787TC**



Compared with conventional spiral hose, Parker's Compact Spiral™ 787TC Hose offers measurably greater advantages in routing and installation, product size and weight, inventory savings and much more. A world's first, this development is the most significant advancement in hydraulic hose since the introduction of Parker's No-Skive™ technology more than 25 years ago.



- Half the bend radius of SAE spiral
- One-third less effort to bend
- Nearly 30% smaller O.D. by area than SAE spiral
- Twice the impulse/life – tested to 2,000,000 cycles
- Flex impulse tested
- Constant 5000 psi across all sizes
- Less hose weight than SAE spiral



**787TC**

**Hydraulic – Tough Cover**

SAE J1754, J1942 / ISO 18752-DC / USCG HF / DNV / ABS

**Application:** Petroleum base hydraulic fluids and lubricating oils.

**Inner Tube:** Proprietary synthetic rubber.

**Reinforcement:** Four spiral steel wire.

**Cover:** Synthetic rubber, MSHA accepted.

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

**Fittings:** 77 Series - pg. B-96.

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

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



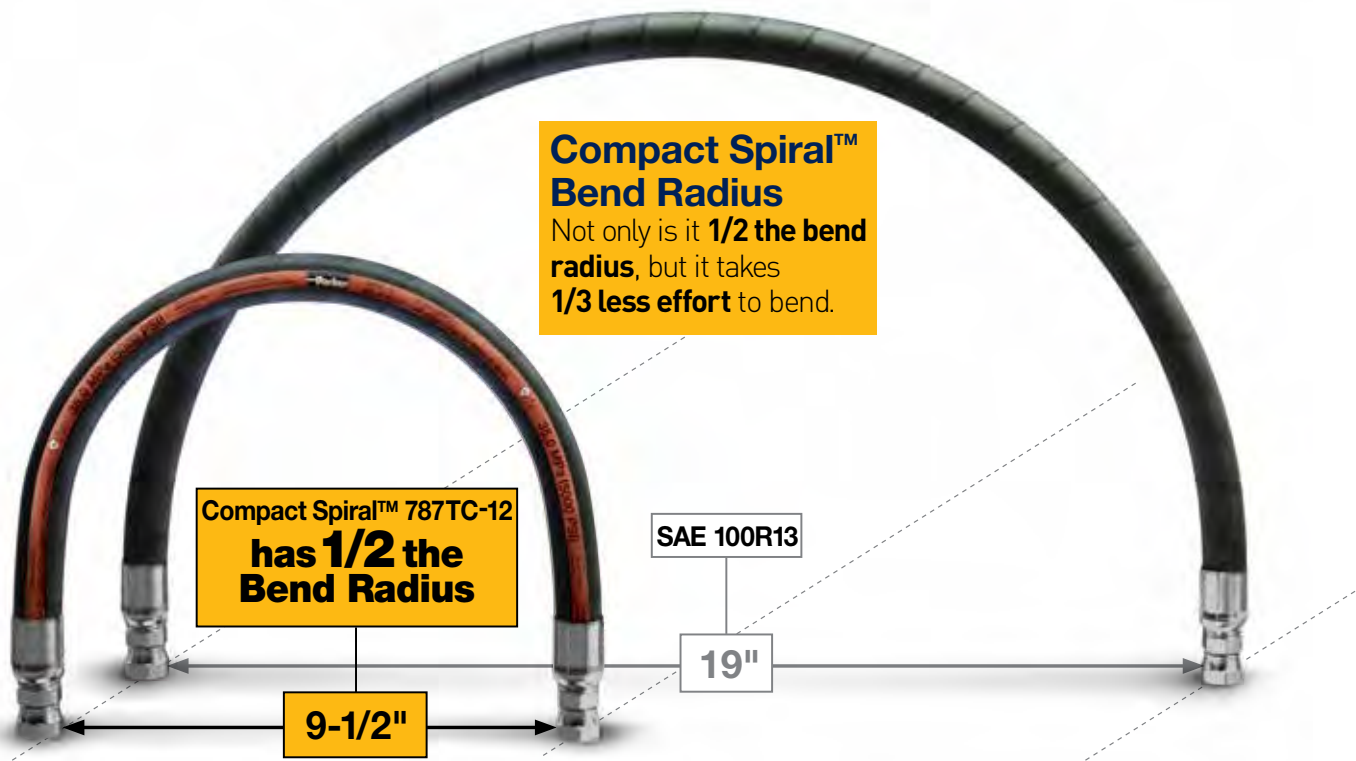
**Strong like spiral.**  
Bends like braided.

Compact Spiral Hose has half the bend radius of its SAE counterpart and a significantly smaller bend radius than corresponding-size Parker conventional spiral hose.

In addition to maximum flexibility and excellent bendability, Parker Compact Hoses offer smaller outer diameters and abrasion resistant

cover choices. Such characteristics make them the hoses of choice for mobile hydraulic systems, agricultural machinery, forestry equipment, fork lifts, construction, machinery, injection molding, automotive, and the paper industry.

Less-bulky inner tube and outer wall construction result in up to one-third smaller Compact Spiral Hose O.D. area, enabling easier routing, hose and space savings.



A

# HYDRAULIC

# 781



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



SAE 100R13, J1942 / ISO 3862-1 TYPE R13 / EN856 TYPE R13 / USCG HF / DNV / ABS

**Application:** Petroleum base hydraulic fluids and lubricating oils.  
**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-108.

# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Parkrimp 78 Series
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	
781-12	3/4	19	1.26	32	5000	35,0	9-1/2	240	1.07	1,59	●
781-16	1	25	1.52	39	5000	35,0	12	300	1.48	2,20	●
781-20	1-1/4	31,5	1.96	50	5000	35,0	16-1/2	420	2.48	3,69	●
781-24	1-1/2	38	2.26	57	5000	35,0	20	500	3.22	4,79	●



# P35

Large-bore 2 inch size for high-pressure applications.

- Meets SAE 100R13, ISO 3862-1 Type R13 and EN 856 Type R13 specifications
- No-Skive design eliminates the need to remove the hose cover before crimping
- Approved with S6 Series fittings
- MSHA accepted cover

## P35 Hydraulic



SAE 100R13, J1942 / ISO 3862-1 TYPE R13 / EN856 TYPE R13 / USCG HF / DNV / ABS / BV

**Application:** Petroleum base hydraulic fluids and lubricating oils.  
**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:** S6 Series - pg. B-109.

# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Parkrimp S6 Series
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	
P35-32	2	51	2.80	71	5000	35,0	25	630	5.03	7,48	●

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

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

# HYDRAULIC

# 782TC/ST



Robust construction with synthetic rubber inner tube providing wider fluid compatibility.

- Synthetic rubber inner tube for wide fluid compatibility
- 5000 psi constant working pressure in all sizes
- Meets SAE 100R13 specification

## 782TC Hydraulic – Tough Cover

SAE 100R13, J1942 / ISO 3862-1 TYPE R13 / EN856 TYPE R13 / USCG HF / DNV / ABS / BV



## 782ST Hydraulic – Super Tough Cover

SAE 100R13 / ISO 3862-1 TYPE R13 / EN856 TYPE R13



**Application:** Petroleum base hydraulic fluids and lubricating oils.  
**Inner Tube:** Synthetic rubber.  
**Reinforcement:** Four or six spiral steel wire.  
**Cover:** Synthetic rubber abrasion resistant, MSHA accepted.  
**Temperature Range:** -40°F to +257°F (-40°C to +125°C).  
**Fittings:** 78 Series - pg. B-108.

# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Parkrimp 78 Series
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	
782TC/ST-12	3/4	19	1.26	32	5000	35,0	9-1/2	240	1.07	1,59	●
782TC/ST-16	1	25	1.52	39	5000	35,0	12	300	1.48	2,20	●
782TC/ST-20	1-1/4	31,5	1.96	50	5000	35,0	16-1/2	420	2.48	3,69	●
782TC/ST-24	1-1/2	38	2.26	57	5000	35,0	20	500	3.22	4,79	●

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



**COMPACT SPIRAL™**

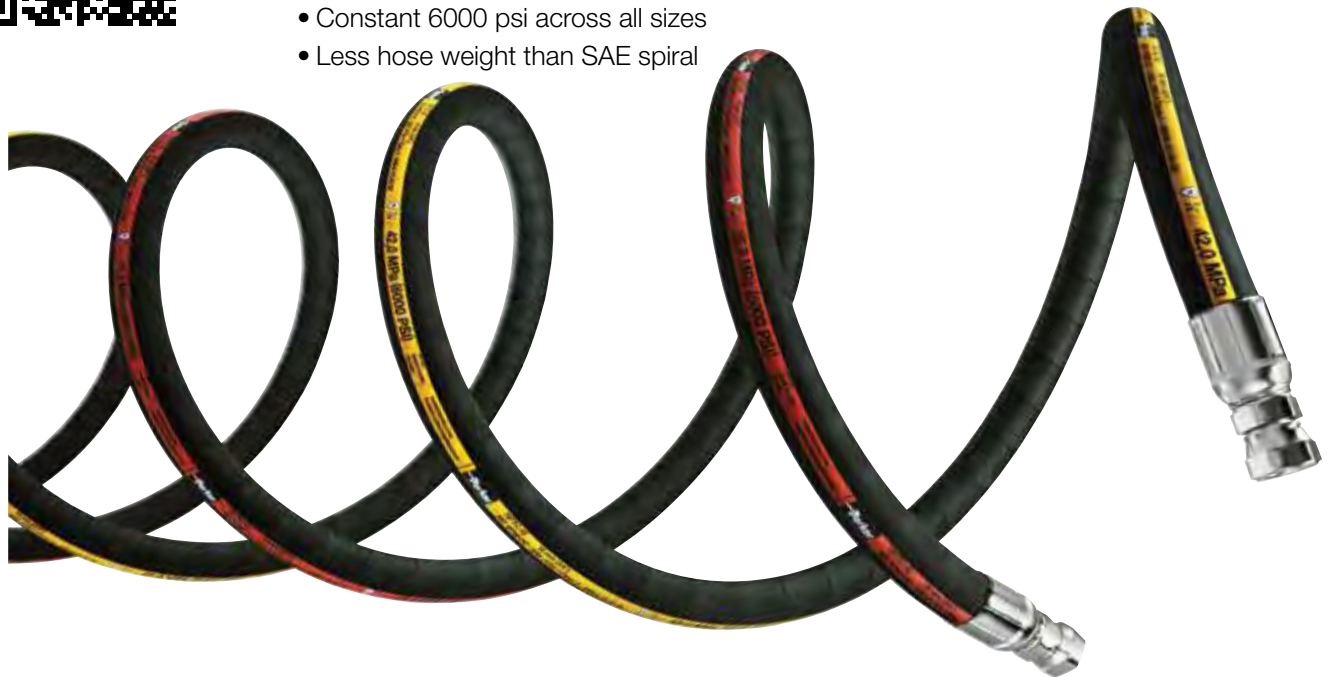
**797TC**



Compared with conventional spiral hose, Parker's Compact Spiral™ 797TC Hose offers measurably greater advantages in routing and installation, product size and weight, inventory savings and much more. A world's first, this development is the most significant advancement in hydraulic hose since the introduction of Parker's No-Skive™ technology more than 25 years ago.



- Half the bend radius of SAE spiral
- One-third less effort to bend
- Nearly 30% smaller O.D. by area than SAE spiral
- Twice the impulse/life – tested to 2,000,000 cycles
- Flex impulse tested
- Constant 6000 psi across all sizes
- Less hose weight than SAE spiral



**797TC**

**Hydraulic – Tough Cover**

SAE J1754, J1942 / ISO 18752-DC / USCG HF / DNV / ABS



**Application:** Petroleum base hydraulic fluids and lubricating oils.  
**Inner Tube:** Proprietary synthetic rubber.  
**Reinforcement:** Four spiral steel wire.  
**Cover:** Synthetic rubber, MSHA accepted.  
**Temperature Range:** -40°C to +125°C (-40°F to +257°F).  
**Fittings:** 77 Series - pg. B-96.

# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Parkrimp 77 Series
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	
797TC-8	1/2	12,5	0.83	21,1	6000	42,0	4	100	0.45	0,67	●
797TC-10	5/8	16	0.94	23,9	6000	42,0	4-1/2	100	0.54	0,80	●
797TC-12	3/4	19	1.10	27,9	6000	42,0	5-1/4	135	0.78	1,16	●
797TC-16	1	25	1.40	35,7	6000	42,0	6-1/2	165	1.17	1,74	●
797TC-20	1-1/4	31,5	1.77	44,9	6000	42,0	8-3/4	225	1.95	2,89	●

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





**Strong like spiral.**  
Bends like braided.

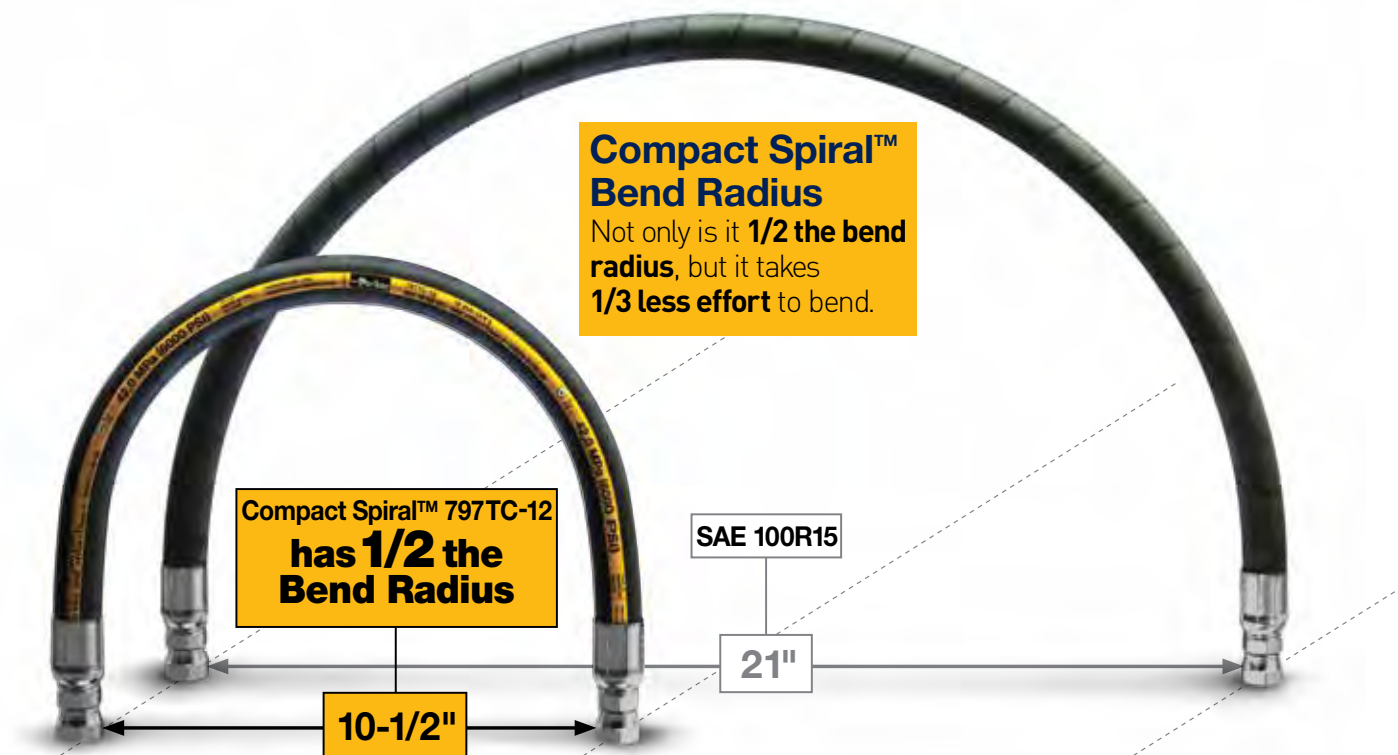
Compact Spiral Hose has half the bend radius of its SAE counterpart and a significantly smaller bend radius than corresponding-size Parker conventional spiral hose.

In addition to maximum flexibility and excellent bendability, Parker Compact Hoses offer smaller outer diameters and abrasion resistant

cover choices. Such characteristics make them the hoses of choice for mobile hydraulic systems, agricultural machinery, forestry equipment, fork lifts, construction, machinery, injection molding, automotive, and the paper industry.



Less-bulky inner tube and outer wall construction result in up to one-third smaller Compact Spiral Hose O.D. area, enabling easier routing, hose and space savings.



A

# HYDRAULIC

## 791TC



Designed for up to 6000 psi high-impulse, high-duty cycle applications.

- One-half minimum bend radius
- 6000 psi constant working pressure in all sizes
- Exceeds SAE 100R15 specification

**Application:** Petroleum base hydraulic fluids and lubricating oils.

**Inner Tube:** Synthetic rubber.

**Reinforcement:** Four or six spiral steel wire.

**Cover:** Synthetic rubber abrasion resistant, MSHA accepted.

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

**Fittings:** 79 Series - pg. B-121.

### 791TC

#### Hydraulic – Extreme Tough Cover

SAE 100R15, J1942 / ISO 3862-1 TYPE R15 / USCG HF / DNV / ABS



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Parkrimp 79 Series
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	
791TC-12	3/4	19	1.26	32	6000	42,0	8	200	1.07	1,59	●
791TC-16	1	25	1.52	39	6000	42,0	10	250	1.48	2,20	●
791TC-20	1-1/4	31,5	1.97	50	6000	42,0	10	250	2.48	3,69	●
791TC-24	1-1/2	38	2.28	58	6000	42,0	12	305	3.22	4,79	●



## 792TC/ST

Designed for up to 6000 psi high-impulse, high-duty cycle applications with a synthetic rubber inner tube providing wider fluid compatibility.

- One-half minimum bend radius
- 6000 psi constant working pressure in all sizes
- Exceeds SAE 100R15 specification

**Application:** Petroleum base hydraulic fluids and lubricating oils.

**Inner Tube:** Synthetic rubber.

**Reinforcement:** Four or six spiral steel wire.

**Cover:** Synthetic rubber abrasion resistant, MSHA accepted.

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

**Fittings:** 79 Series - pg. B-121.

### 792TC

#### Hydraulic – Tough Cover

SAE 100R15, J1942 / ISO 3862-1 TYPE R15 / USCG HF / DNV / ABS



### 792ST

#### Hydraulic – Super Tough

SAE 100R15 / ISO 3862-1 TYPE R15



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Parkrimp 79 Series
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	
792TC/ST-12	3/4	19	1.26	32	6000	42,0	10-1/2	265	1.07	1,59	●
792TC/ST-16	1	25	1.52	39	6000	42,0	13	330	1.48	2,20	●

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

# HYDRAULIC

# 761



Designed to provide high pressure capability for the next generation of high-pressure pumps

- 8000 psi constant working pressure in all sizes

**Application:** Petroleum base hydraulic fluids and lubricating oils.  
**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:** 76 Series - pg. B-94.

## 761 Hydraulic – ParMax



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Parkrimp 76 Series
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	
761-12	3/4	19	1.37	34,8	8000	56,0	10-1/2	260	1.56	2.32	●
761-16	1	25	1.65	41,9	8000	56,0	13	330	2.02	3.00	●



# JK – Jack Hose

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

**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-29.

## 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.**

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