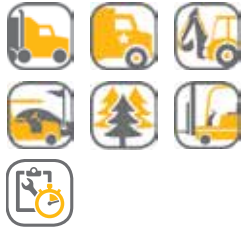


# HYDRAULIC

# 487

## Markets



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 Cover. 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 and ST cover 450 times abrasion resistance when compared to standard covers

## Performance



## 487 Hydraulic – Constant Working Pressure ISO 18752



# Part Number	Standard Cover	TC Tough Cover	ST Super Tough	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Parkrimp 43 Series	Parkrimp 77 Series
	487	487TC	487ST	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m		
487	ISO 18752 Performance														
487-4	AC	AC	AC	1/4	6,3	0.52	13,1	4000	28,0	2	50	0.20	0,30	●	
487-6	AC	AC	AC	3/8	10	0.68	17,2	4000	28,0	2-1/2	65	0.28	0,42	●	
487-8	AC	AC	AC	1/2	12,5	0.81	20,4	4000	28,0	3-1/2	90	0.35	0,52	●	
487-10	AC	AC	AC	5/8	16	0.94	23,9	4000	28,0	4	100	0.44	0,66	●	
487-12	AC	AC	AC	3/4	19	1.10	27,8	4000	28,0	4-3/4	120	0.58	0,86	●	
487-16	BC	CC	CC	1	25	1.49	37,8	4000	28,0	6	150	1.34	1,99	●	
487-20	BC	CC	CC	1-1/4	31,5	1.82	46,3	4000	28,0	8-1/4	210	1.74	2,59		●
487-24	BC	CC	CC	1-1/2	38	2.03	52,8	4000	28,0	10	250	2.07	3,08		●
487-32	BC	CC	CC	2	51	2.65	67,3	4000	28,0	12-1/2	320	4.35	6,47		●

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

**Inner Tube:** Synthetic rubber.

**Reinforcement:** Two-braid steel wire for sizes -4 to -12.  
Four-spiral steel wire for sizes -16 to -24.  
Six-spiral steel wire for size -32.

**Cover:** Standard Cover: Synthetic rubber.  
ToughCover: Synthetic rubber abrasion resistant.  
SuperTough Cover: Synthetic rubber super abrasion resistant.

**Fittings:** 43 Series, sizes -4 to -16 - pg. B-27.  
77 Series, sizes -20 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).

# 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.		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													
722-6	BC	CC	CC	3/8	10	0.78	19,9	4000	28,0	2-1/2	65	0.40	0,60	●
722-8	BC	CC	CC	1/2	12,5	0.89	22,7	4000	28,0	3-1/2	90	0.54	0,80	●
722-10	BC	CC	CC	5/8	16	1.04	26,4	4000	28,0	4	100	0.74	1,10	●
722-12	BC	CC	CC	3/4	19	1.21	30,7	4000	28,0	4-3/4	120	0.94	1,40	●
722-16	BC	CC	CC	1	25	1.50	37,8	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	Super Tough Cover												
	787	787TC	787ST	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	43 Series	77 Series
787-4	AC	AC	AC	1/4	6,3	0.51	13,0	5000	35,0	2	50	0.21	0.31	●	
787-6	AC	AC	AC	3/8	10	0.68	17,2	5000	35,0	2-1/2	63	0.28	0.42	●	
787-8	BC	DC	DC	1/2	12,5	0.83	21,1	5000	35,0	3-1/2	90	0.45	0,67		●
787-10	BC	DC	DC	5/8	16	0.94	23,9	5000	35,0	4	100	0.54	0,80		●
787-12	BC	DC	DC	3/4	19	1.10	27,9	5000	35,0	4-3/4	120	0.78	1,16		●
787-16	BC	DC	DC	1	25	1.40	35,7	5000	35,0	6	150	1.17	1,74		●
787-20	BC	DC	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	DC	1-1/2	38	2.08	52,8	5000	35,0	10	255	2.66	3,96		●
787-32	BC	DC	DC	2	51	2.66	67,6	5000	35,0	12-1/2	318	4.37	6,50		●

**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.

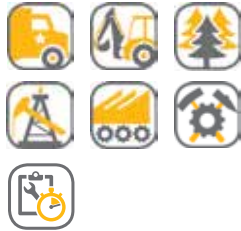
**Fittings:** 43 Series: sizes -4 to -6 - pg. B-27.  
 77 Series: sizes -8 to -32 - pg. B-92.

**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.

- ½ 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	Cover			Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Fittings	
	Standard Cover	Tough Cover	Super Tough Cover									kg		Parkrimp	Parkrimp
	797	797TC	797ST	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	43 Series	77 Series
797-4	AC	AC	AC	1/4	6,3	0.51	13,0	6000	42,0	2	50	0.21	0,31	•	
797-6	BC	CC	CC	3/8	10	0.66	17,0	6000	42,0	2-1/2	63	0.31	0,46	•	
797-8	BC	DC	DC	1/2	12,5	0.83	21,1	6000	42,0	4	100	0.45	0,67		•
797-10	BC	DC	DC	5/8	16	0.94	23,9	6000	42,0	4-1/2	115	0.54	0,80		•
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		•
797-32	BC	CC	CC	2	51	2.66	67,6	6000	42,0	15	380	4.37	6,50		•

**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).



## HYDRAULIC

# 451TC/ST, 451TC Twin Tough

### Markets



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.

- 1/2 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



### Performance



#### 451TC

Hydraulic – ToughCover

ISO 11237 TYPE R17 / SAE J517 100R17 / SAE J1942



#### 451ST

Hydraulic – SuperTough Cover

ISO 11237 TYPE R17 / SAE J517 100R17



# 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	●

**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.

- 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



**Performance**



**451TC**  
Hydraulic – Twin Tough Cover

ISO 11237 TYPE R17 / SAE J517 100R17 / SAE J1942

# 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-16.

**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.

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



**HYDRAULIC**

**711**

**Markets**



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



**711**  
**Hydraulic**  
SAE J1942

# 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	●

**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.

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

# HYDRAULIC

# 351TC/ST

## Markets



Parker's 351 hose delivers a constant working pressure of up to 4000 psi in all sizes in order to deliver consistency and reliability. Available in different cover options to fit your needs. The two wire braided construction offers more flexibility than the standard spiral counterpart in order to fit your needs.

- 4000 psi constant working pressure in all sizes
- Exceeds SAE J517 100R19 specifications



## Performance



### 351TC

**Hydraulic – ToughCover**  
SAE J517 100R19

### 351ST

**Hydraulic – SuperTough Cover**  
SAE J517 100R19



# 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	●

**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.

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





# HYDRAULIC

# 772TC/ST

## Markets



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

## Performance



### 772TC

Hydraulic – ToughCover

ISO 3862-1 TYPE R12 / SAE J517 100R12 / SAE J1942 / EN 856 TYPE R12



### 772ST

Hydraulic – SuperTough Cover

ISO 3862-1 TYPE R12 / SAE J517 100R12 / 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	
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	●

**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.

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

# 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	●

**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-124.

## 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.		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.

**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:** S6 Series - pg. B-133.

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

## HYDRAULIC

# 782TC/ST

### Markets



Parker's 782 hose is designed to deliver consistency and reliability with a constant working pressure of 5000 psi in all sizes. The 782 hose is designed, built and tested to exceed SAE 100R13 performance specifications.

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

### Performance



### 782TC

#### Hydraulic – ToughCover

ISO 3862-1 TYPE R13 / SAE J517 100R13 / SAE J1942 / EN856 TYPE R13



### 782ST

#### Hydraulic – SuperTough Cover

ISO 3862-1 TYPE R13 / SAE J517 100R13 / EN856 TYPE R13



# 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	●

**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-124.

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

# HYDRAULIC

# 791TC

## Markets



## Performance



Parker's 791TC hose is designed to deliver consistency and reliability with a constant working pressure of 6000 psi in all sizes for high-duty cycle applications. The 791TC hose is designed, built and tested to exceed SAE 100R15 performance specifications.

- 1/2 minimum bend radius
- 6000 psi constant working pressure in all sizes
- Exceeds SAE 100R15 specification



## 791TC

### Hydraulic – Extreme Tough Cover

ISO 3862-1 TYPE R15 / SAE J517 100R15 / SAE J1942

# 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	●

**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-137.

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

## HYDRAULIC

# 792TC/ST

### Markets



Parker's 792 hose was designed to deliver consistency and reliability with a constant working pressure of 6000 psi in all sizes for high-impulse, high-duty cycle applications. Furthermore, the synthetic inner tube of this hose provides wider fluid compatibility. The 792 hose is designed, built and tested to exceed SAE 100R15 performance specifications.

- 1/2 SAE minimum bend radius
- 6000 psi constant working pressure in all sizes
- Exceeds SAE 100R15 specification

### Performance



### 792TC

Hydraulic – ToughCover

ISO 3862-1 TYPE R15 / SAE J517 100R15 / SAE J1942



### 792ST

Hydraulic – SuperTough Cover

ISO 3862-1 TYPE R15 / SAE J517 100R15



# 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	●

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

**Inner Tube:** Synthetic rubber.

**Reinforcement:** Four-spiral steel wires.

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

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

**Fittings:** 79 Series - pg. B-137.

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