

# PARKER 5,000 PSI SAE 100R13 SPIRAL HOSE & FITTINGS

## Parker 782TC Hose, SAE 100R13/EN856 Type R13

Fittings: Parker 78 Series



- Construction: Nitrile rubber tube, four or six spirals of high tensile steel wire reinforcement, MSHA accepted synthetic rubber abrasion resistant cover
- Application: Petroleum based hydraulic fluids and lubricating oils
- Temperature range: -40°F to 257°F (-40°C to 125°C) general applications

Part No.	Parker No.	Hose ID (in.)	Hose OD (in.)
782TC-12	782TC-12	3/4	1.26
782TC-16	782TC-16	1	1.52
782TC-16-BX	782TC-16-BX	1	1.52
782TC-20	782TC-20	1-1/4	1.96
782TC-20-BX	782TC-20-BX	1-1/4	1.96
782TC-24	782TC-24-50	1-1/2	2.26
782TC-24-100	782TC-24	1-1/2	2.26

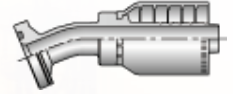
Part No.	Min. Working Pressure (psi)	Min. Burst Pressure (psi)	Min. Bend Radius (in.)	Feet Per Roll
782TC-12	5,000	20,000	9-1/2	140
782TC-16	5,000	20,000	12	140
782TC-16-BX	5,000	20,000	12	50
782TC-20	5,000	20,000	16-1/2	100
782TC-20-BX	5,000	20,000	16-1/2	50
782TC-24	5,000	20,000	20	50
782TC-24-100	5,000	20,000	20	100

## Code 62 Straight Fittings



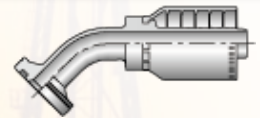
Part No.	Parker No.	Flange Size (in.)	Hose ID (in.)	"A"	Cut-Off Factor "B"
PP-00155	16A78-12-12	-12	-12	4.60	2.84
PP-00156	16A78-16-12	-16	-12	3.57	1.81
PP-00157	16A78-16-16	-16	-16	5.16	3.31
PP-00158	16A78-20-16	-20	-16	3.95	2.10
PP-00159	16A78-20-20	-20	-20	5.85	3.46
PP-00160	16A78-24-20	-24	-20	4.77	2.38
PP-00161	16A78-24-24	-24	-24	6.54	4.33

## 22.5° Elbow, Code 62



Part No.	Parker No.	Flange Size (in.)	Hose ID (in.)
PP-00162	16B78-20-20	-20	-20

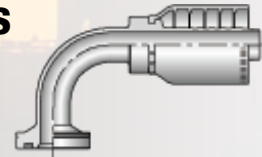
## 45° Elbow, Code 62



Part No.	Parker No.	Flange Size (in.)	Hose ID (in.)
PP-00163	16F78-12-12	-12	-12
PP-00164	16F78-16-12	-16	-12
PP-00165	16F78-16-16	-16	-16
PP-00166	16F78-20-16	-20	-16
PP-00167	16F78-20-20	-20	-20

Part No.	"A"	"E"	Cut-Off Factor "B"	Unit
PP-00163	4.31	1.02	2.55	1
PP-00164	4.83	1.22	3.07	1
PP-00165	5.04	1.26	3.19	1
PP-00166	5.01	1.26	3.16	1
PP-00167	6.39	1.50	4.00	1

## 90° Elbow, Code 62, Standard Drop Fittings



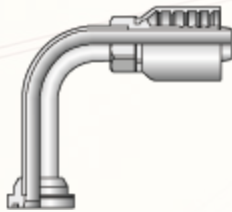
Part No.	Parker No.	Flange Size (in.)	Hose ID (in.)
PP-00168	16N78-12-12	-12	-12
PP-00169	16N78-16-12	-16	-12
PP-00170	16N78-16-16	-16	-16
PP-00171	16N78-20-16	-20	-16
PP-00172	16N78-20-20	-20	-20
PP-00173	16N78-24-20	-24	-20
PP-00174	16N78-24-24	-24	-24

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## 90° Elbow, Code 62, Standard Drop Fittings *(continued)*

Part No.	"A"	"E"	Cut-Off Factor "B"	Unit
PP-00168	4.00	2.28	2.24	1
PP-00169	3.97	2.28	2.21	1
PP-00170	4.63	2.76	2.78	1
PP-00171	4.63	2.76	2.78	1
PP-00172	6.09	3.54	3.70	1
PP-00173	16.09	3.54	3.70	1
PP-00174	6.52	4.09	4.31	1

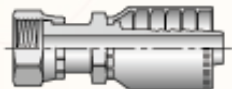
## 90° Elbow, Code 62, Long Drop



Part No.	Parker No.	Flange Size (in.)	Hose ID (in.)
PP-00175	16R78-20-20-SL120	-20	-20
PP-00176	16Z78-20-20-SL152	-20	-20

Part No.	"A"	"E"	Cut-Off Factor "B"	Unit
PP-00175	6.09	4.72	3.70	1
PP-00176	6.09	5.98	3.70	1

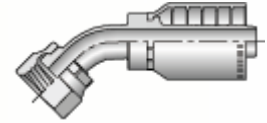
## Female "Seal Lok" Flat Face O-ring (ORFS) Straight, Full Back Nut



Part No.	Parker No.	Port Size (in.)	Thread Size (in.)
PP-00195	1JS78-12-12	-12	1-3/16-12
PP-00196	1JS78-16-16	-16	1-7/16-12
PP-00197	1JS78-20-16	-20	1-11/16-12
PP-00198	1JS78-20-20	-20	1-11/16-12
PP-00199	1JS78-24-20	-24	2-12

Part No.	Hose ID (in.)	"A"	Cut-Off Factor "B"	Unit
PP-00195	-12	3.70	1.94	1
PP-00196	-16	4.03	2.18	1
PP-00197	-16	3.99	2.14	1
PP-00198	-20	4.62	2.23	1
PP-00199	-24	4.70	2.49	1

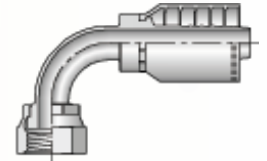
## 45° Elbow, Female "Seal-Lok" Swivel (ORFS)



Part No.	Parker No.	Port Size (in.)	Thread Size (in.)	Hose ID (in.)
PP-00200	1J778-12-12	-12	1-3/16-12	-12
PP-00201	1J778-16-16	-16	1-7/16-12	-16
PP-00202	1J778-20-20	-20	1-11/16-12	-20
PP-00203	1J778-24-24	-24	2-12	-24

Part No.	"A"	"E"	Cut-Off Factor "B"	Unit
PP-00200	4.11	.81	2.35	1
PP-00201	4.69	.94	2.84	1
PP-00202	5.78	.98	3.29	1
PP-00203	6.91	1.56	4.70	1

## 90° Elbow, Female "Seal-Lok" Swivel (ORFS)



Part No.	Parker No.	Port Size (in.)	Thread Size (in.)	Hose ID (in.)
PP-00204	1J978-12-12	-12	1-3/16-12	-12
PP-00205	1J978-16-16	-16	1-7/16-12	-16
PP-00206	1J978-20-20	-20	1-11/16-12	-20
PP-00207	1J978-24-24	-24	2-12	-24

Part No.	"A"	"E"	Cut-Off Factor "B"	Unit
PP-00204	3.97	1.89	2.21	1
PP-00205	4.62	2.21	2.77	1
PP-00206	5.82	2.52	3.43	1
PP-00207	6.58	2.70	4.37	1

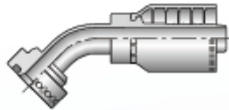
## Straight Caterpillar Flange



Part No.	Parker No.	Flange Size (in.)	Hose ID (in.)	"A"	Cut-Off Factor "B"
PP-00180	1XA78-12-12	-12	-12	4.85	3.09
PP-00181	1XA78-16-12	-16	-12	5.29	3.53
PP-00182	1XA78-16-16	-16	-16	5.44	3.59
PP-00183	1XA78-20-16	-20	-16	5.65	3.80
PP-00184	1XA78-20-20	-20	-20	6.10	3.71
PP-00185	1XA78-24-24	-24	-24	6.78	4.57



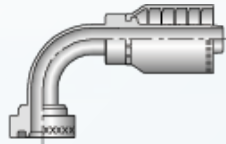
## 45° Elbow, Caterpillar Flange Standard Drop



Part No.	Parker No.	Flange Size (in.)	Hose ID (in.)
PP-00186	1XF78-12-12	-12	-12
PP-00187	1XF78-16-16	-16	-16
PP-00188	1XF78-20-20	-20	-20

Part No.	"A"	"E"	Cut-Off Factor "B"	Unit
PP-00186	4.82	1.21	3.06	1
PP-00187	5.46	1.43	3.61	1
PP-00188	6.38	1.44	3.99	1

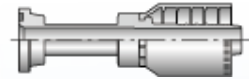
## 90° Elbow, Caterpillar Flange Standard Drop



Part No.	Parker No.	Flange Size (in.)	Hose ID (in.)
PP-00189	1XN78-12-12	-12	-12
PP-00190	1XN78-16-16	-16	-16
PP-00191	1XN78-20-16	-20	-16
PP-00192	1XN78-20-20	-20	-20
PP-00193	1XN78-24-20	-24	-20
PP-00194	1XN78-24-24	-24	-24

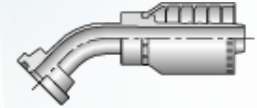
Part No.	"A"	"E"	Cut-Off Factor "B"	Unit
PP-00189	4.35	2.46	2.59	1
PP-00190	4.35	2.44	3.19	1
PP-00191	5.04	2.90	3.19	1
PP-00192	6.75	3.02	4.36	1
PP-00193	6.75	3.02	4.36	1
PP-00194	5.85	3.41	3.64	1

## Code 61 Straight Fittings



Part No.	Parker No.	Flange Size (in.)	Hose ID (in.)	"A"	Cut-Off Factor "B"
PP-00138	11578-12-12	-12	-12	4.34	2.58
PP-00139	11578-16-16	-16	-12	4.59	2.74
PP-00152	14A78-20-20	-20	-20	5.54	3.15

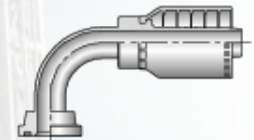
## 45° Elbow, Code 61



Part No.	Parker No.	Flange Size (in.)	Hose ID (in.)
PP-00141	11778-12-12	-12	-12
PP-00142	11778-16-16	-16	-16
PP-00143	14F78-20-20	-20	-20

Part No.	"A"	"E"	Cut-Off Factor "B"	Unit
PP-00141	4.67	1.06	2.91	1
PP-00142	5.01	1.26	3.16	1
PP-00143	6.39	1.50	4.00	1

## 90° Elbow, Code 61



Part No.	Parker No.	Flange Size (in.)	Hose ID (in.)
PP-00144	11978-12-12	-12	-12
PP-00145	11978-16-16	-16	-16
PP-00147	14N78-24-20	-24	-20
PP-00153	14N78-20-16	-20	-16
PP-00154	14N78-20-20	-20	-20

Part No.	"A"	"E"	Cut-Off Factor "B"	Unit
PP-00144	4.35	2.25	2.59	1
PP-00145	4.67	2.76	2.82	1
PP-00147	-	4.09	-	1
PP-00153	4.63	2.76	2.78	1
PP-00154	6.09	3.54	3.70	1

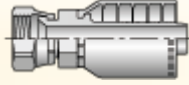


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## SAE 37° JIC Straight Female Swivel



Part No.	Parker No.	Port Size (in.)	Thread Size (in.)
PP-00132	10678-12-12	-12	1-1/16-12
PP-00133	10678-16-12	-16	1-5/16-12
PP-00134	10678-16-16	-16	1-5/16-12
PP-00135	10678-20-20	-20	1-5/8-12
PP-00136	10678-24-20	-20	1-7/8-12
PP-00137	10678-24-24	-24	1-7/8-12

Part No.	Hose ID (in.)	"A"	Cut-Off Factor "B"	Unit
PP-00132	-12	3.70	1.94	1
PP-00133	-12	4.03	2.18	1
PP-00134	-16	3.99	2.14	1
PP-00135	-20	4.62	2.23	1
PP-00136	-20	4.70	2.49	1
PP-00137	-24	4.70	2.49	1

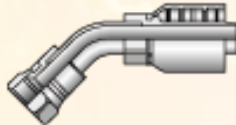
## Male Pipe Rigid



Part No.	Parker No.	Port Size (in.)	Thread Size (in.)
PP-00128	10178-12-12	-12	3/4-14
PP-00129	10178-16-16	-16	1-11-1/2
PP-00130	10178-20-20	-20	1-1/4-11-1/2

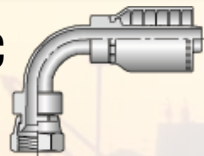
Part No.	Hose ID (in.)	"A"	Cut-Off Factor "B"	Unit
PP-00128	-12	3.56	1.80	1
PP-00129	-16	3.94	2.09	1
PP-00130	-20	4.92	2.53	1

## 45° Elbow, SAE 37° JIC Female Swivel



Part No.	Parker No.	Port Size (in.)	Thread Size (in.)	Hose ID (in.)	Unit
PP-00148	13778-20-20	-20	1-7/8-12	-20	1

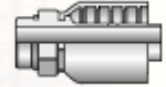
## 90° Elbow, SAE 37° JIC Female Swivel



Part No.	Parker No.	Port Size (in.)	Thread Size (in.)	Hose ID (in.)
PP-00149	13978-12-12	-12	1-1/16-12	-12
PP-00150	13978-16-16	-16	1-5/16-12	-16
PP-00151	13978-20-20	-20	1-5/8-12	-20

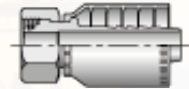
Part No.	"A"	"E"	Cut-Off Factor "B"	Unit
PP-00149	4.12	2.44	2.36	1
PP-00150	4.71	2.93	2.86	1
PP-00151	5.67	3.35	3.28	1

## Male Straight Thread O-ring (ORB)



Part No.	Parker No.	Port Size (in.)	Thread Size (in.)	Hose ID (in.)	Unit
PP-00131	10578-20-20	-20	1-5/8-12	-20	1

## DIN S Series Straight Female Swivel w/O-ring



Part No.	Parker No.	Port Size (in.)	Thread Size (in.)
PP-00177	1C978-25-12	25mm	M36-2
PP-00178	1C978-30-16	30mm	M42-2
PP-00179	1C978-28-20	38mm	M52-2

Part No.	Hose ID (in.)	"A"	Cut-Off Factor "B"	Unit
PP-00177	-12	3.12	1.36	1
PP-00178	-16	3.40	1.55	1
PP-00179	-20	3.98	1.59	1

