



HYDRAULIC HOSE & FITTINGS

QUICK REFERENCE CATALOG

Page references in this document refer to Fairview's Master Catalog





S.A.E. / DIN EN853 HYDRAULIC HOSE

MEDIUM PRESSURE HOSE



Meets or Exceeds
**S.A.E. 100R1 TYPE AT
EN853 1SN**

ONE WIRE BRAID (NON SKIVE)
COVER IS NOT REMOVED

For medium to high pressure hydraulic service in the handling of most hydraulic fluids, gasoline, diesel fuels, lubricating oils and water. Not suitable for use with phosphate esters.

- **CONSTRUCTION:**

- One Ply of Steel Wire Braid.

- **TUBE:** Oil and Heat-Resistant Synthetic Rubber Inner Tube.

- **COVER:** Oil, Weather and Flame-Resistant M.S.H.A. Approved Synthetic Rubber Cover.

- **COLOR:** Black

- **TEMPERATURE:** -40°F to +250°F, -40°C to +121°C

- **PACKAGING:** For Reel Lengths and Carton Quantities see below.

- **FITTINGS:** SC600 Compression Page 75 - 76

- SC900 Bite-To-The-Wire Page 77 - 78

- SRT100 Reusable Page 82

- **LOW TEMPERATURE:** -67°F to +200°F, -55°C to +93°C Available change prefix to T1SNLT-. Minimum runs may apply.

PART No.	Actual I.D. (IN.)	Hose O.D. (IN.)	Working Pressure (P.S.I.)	Min. Burst Pressure (P.S.I.)	Min. Bend Radius (IN.)	Approx. Wgt. / Ft. (LBS.)	Reel Lengths (FT.)
T1SN-4-REEL	1/4	.531	3,260	13,000	4.00	.17	328
T1SN-6-REEL	3/8	.687	2,610	10,400	5.00	.26	328
T1SN-8-REEL	1/2	.812	2,320	9,300	7.00	.31	328
T1SN-12-REEL	3/4	1.093	1,520	6,100	9.50	.47	164



S.A.E. HYDRAULIC HOSE

HIGH PRESSURE HOSE



For high pressure hydraulic service in the handling of most hydraulic fluids, gasoline, diesel fuels, lubricating oils and water. Not suitable for use with phosphate esters.

- **CONSTRUCTION:**

- Two Plies of Steel Wire Braid.

- **TUBE:** Oil and Heat-Resistant Synthetic Rubber Inner Tube.

- **COVER:** Oil, Weather and Flame-Resistant Black Synthetic Rubber Cover

- **COLOR:** Black

- **TEMPERATURE:** -40°F to +212°F, -40°C to +100°C

- **PACKAGING:** For Reel Lengths and Carton Quantities see below.

- **FITTINGS:** SC600 Compression Page 75 - 76

- SC900 Bite-To-The-Wire Page 77 - 78

- SRT200 Reusable Page 82

S.A.E. 100R2 TYPE AT EN853 2SN

TWO WIRE BRAID (NON SKIVE)
COVER IS NOT REMOVED

PART No.	Actual I.D. (IN.)	Hose O.D. (IN.)	Working Pressure (P.S.I.)	Min. Burst Pressure (P.S.I.)	Min. Bend Radius (IN.)	Approx. Wgt. / Ft. (LBS.)	Reel Lengths (FT.)
T2-4-REEL	1/4	.593	5,800	23,200	4.00	.26	300
T2-6-REEL	3/8	.750	4,785	19,100	5.00	.38	300
T2-8-REEL	1/2	.875	3,988	15,900	7.00	.48	300
T2-10-REEL	5/8	1.000	3,625	14,500	8.00	.50	250
T2-12-REEL	3/4	1.187	3,118	12,500	9.50	.61	250
T2-16-REEL	1	1.500	2,393	9,500	12.00	.95	150
T2-20-CTN	1-1/4	1.902	1,813	6,200	16.50	1.38	130



S.A.E. HYDRAULIC HOSE

HIGH PRESSURE HOSE



For hydraulic service in the handling of most hydraulic fluids, gasoline, diesel fuels lubricating oils and water. Not suitable with phosphate esters.

- **CONSTRUCTION:**

- Two Plies of Steel Wire Braid.

- **TUBE:** Oil and Heat-Resistant Synthetic Rubber Inner Tube

- **COVER:** Oil, Weather and Flame-resistant Synthetic Rubber Cover. MSHA Approved.

- **COLOUR:** Black

- **TEMPERATURE:** -40°F to +212°F, -40°C to +100°C

- **PACKAGING:** For Reel Lengths see below.

- **FITTINGS:** SC600 Compression Page 75 - 76

- SC900 Bite-To-The-Wire Page 77 - 78

EXTREMELY FLEXIBLE S.A.E. 100R16 / DIN 2SC

TWO WIRE BRAID

(NON SKIVE)

COVER IS NOT REMOVED

PART No.	Actual I.D. (IN.)	Hose O.D. (IN.)	Working Pressure (P.S.I.)	Min. Burst Pressure (P.S.I.)	Min. Bend Radius (IN.)	Approx. Wgt. / Ft. (LBS.)	Reel Lengths (FT.)
HR16-4-REEL	1/4	0.530	5,800	23,200	2	0.18	500
HR16-6-REEL	3/8	0.687	5,000	20,000	2.5	0.27	400
HR16-8-REEL	1/2	0.812	4,250	17,000	3.5	0.35	300



S.A.E. HYDRAULIC HOSE

SUCTION HOSE



For hydraulic suction (29 Inch/hg) and low pressure hydraulic return lines. Will handle petroleum based hydraulic fluids, diesel fuels, water and lubricating oils. Wire helix prevents collapsing under vacuum service. Not suitable for use with phosphate esters.

Meets or Exceeds
Performance Characteristics

S.A.E. 100R4

TWO TEXTILE SPIRAL PLIES
WITH WIRE HELIX

(NON SKIVE)

COVER IS NOT REMOVED

- **CONSTRUCTION:**

- Two Textile Spiral Plies With Wire Helix.

- **TUBE:** Oil and Heat-Resistant Synthetic Rubber Inner Tube.

- **MSHA Approved**

- **COVER:** Oil, Weather and Abrasion-Resistant Synthetic Rubber Cover.

- **COLOR:** Black

- **TEMPERATURE:** -40°F to +250°F, -40°C to +121°C

- **PACKAGING:** 50 FT. and 100 FT. Coils

- **FITTINGS:** SC600 Compression Page 75 - 76

- (Up to 1-1/4 Size)

- S1100 and SO1100 Steel Hose Inserts Page 84

- Steel Combination Nipples and Hose Menders Page 70

PART No.	Actual I.D. (IN.)	Hose O.D. (IN.)	Working Pressure (P.S.I.)	Min. Burst Pressure (P.S.I.)	Min. Bend Radius (IN.)	Vacuum Service (IN./HG)	Approx. Wgt. / Ft. (LBS.)	Coil Length (FT.)
HR4-12-100	3/4	1.160	300	1,200	4.90	29	.60	100
HR4-16-100	1	1.480	250	1,000	5.90	29	.70	100
HR4-20-100	1-1/4	1.770	200	800	7.87	29	.90	100
HR4-24-100	1-1/2	2.050	150	600	10.00	29	1.20	100
HR4-32-100	2	2.500	100	400	11.80	29	1.50	100

STEEL ONE PIECE CRIMP HOSE ENDS (COMPRESSION STYLE)



USE WITH S.A.E. 100R1-AT, 100R2-AT, T1SN, T2SN, 100R3, 100R4, 100R16 AND
100R17 HOSE

ITEMS SHOWN ARE INTERCHANGEABLE WITH WEATHERHEAD "U" SERIES COUPLINGS.
(They are Fairview Equivalents and are NOT WeatherHead Original Product.)



**Tube Repair
(Flareless)**

PART No.	Hose I.D.	Tube
SC667-44	1/4	1/4
SC667-65	3/8	5/16
SC667-66	3/8	3/8
SC667-88	1/2	1/2
SC667-810	1/2	5/8
SC667-1212	3/4	3/4



**Hose
Splicer**

PART No.	Hose I.D.
SC629-44	1/4
SC629-66	3/8
SC629-88	1/2
SC629-1212	3/4
SC629-1616	1



**British
Standard
Pipe Parallel
Female (Swivel)
(BSPP)**

PART No.	Hose I.D.	Pipe
SCK631BSP-66	3/8	3/8 - 19
SCK631BSP-88	1/2	1/2 - 14
SCK631BSP-1212	3/4	3/4 - 14



**90° ELBOW
Male Pipe
(Working
Swivel)**

PART No.	Hose I.D.	Pipe
SC616SW-4B	1/4	1/4
SC616SW-6C	3/8	3/8
SC616SW-8D	1/2	1/2



**90° ELBOW
Male O-Ring
Boss
(Working
Swivel)**

PART No.	Hose I.D.	O-Ring
SC636-66	3/8	9/16 - 18
SC636-68	3/8	3/4 - 16
SC636-610	3/8	7/8 - 14
SC636-88	1/2	3/4 - 14
SC636-810	1/2	7/8 - 14



**90° ELBOW
S.A.E. 37°
Female Flare
(Swivel)**

PART No.	Hose I.D.	Tube
SC639-44	1/4	1/4
SC639-45	1/4	5/16
SC639-46	1/4	5/16
SC639-66	3/8	3/8
SC639-68	3/8	1/2
SC639-88	1/2	1/2
SC639-810	1/2	5/8
SC639-1010	5/8	5/8
SC639-1212	3/4	3/4
SC639-1616	1	1



**90° ELBOW
(LONG STYLE)
S.A.E. 37°
Female Flare
(Swivel)**

PART No.	Hose I.D.	Tube
SC639L-44	1/4	1/4
SC639L-66	3/8	3/8
SC639L-68	3/8	1/2
SC639L-88	1/2	1/2
SC639L-1212	3/4	3/4



**90° ELBOW
S.A.E. 45°
Female Flare
(Swivel)**

PART No.	Hose I.D.	Tube
SC641-66	3/8	3/8



**90° ELBOW
S.A.E. 45°
Inverted
Flare
(Swivel)**

PART No.	Hose I.D.	Tube
SC631-44	1/4	1/4
SC631-66	3/8	3/8
SC631-88	1/2	1/2



**90° ELBOW
British Standard
Parallel Pipe
Female (Swivel)
(BSPP)**

PART No.	Hose I.D.	BSPP
SCK639BSP-66	3/8	3/8 - 19
SCK639BSP-88	1/2	1/2 - 14



**90° ELBOW
Female O-Ring
Face Seal
(Swivel)**

PART No.	HOSE	ORFS
SC659-44	1/4	9/16 - 18
SC659-46	1/4	11/16 - 16
SC659-66	3/8	11/16 - 16
SC659-68	3/8	13/16 - 16
SC659-88	1/2	13/16 - 16
SC659-810	1/2	1 - 14
SC659-1010	5/8	1 - 14
SC659-1012	5/8	1-3/16 - 12
SC659-1212	3/4	1-3/16 - 12
SC659-1616	1	1-7/16 - 12



**45° ELBOW
S.A.E. 37°
Female Flare
(Swivel)**

PART No.	Hose I.D.	Tube
SC640-44	1/4	1/4
SC640-66	3/8	3/8
SC640-68	3/8	1/2
SC640-88	1/2	1/2
SC640-810	1/2	5/8
SC640-1212	3/4	3/4
SC640-1616	1	1



**45° ELBOW
S.A.E. 45°
Inverted Flare
(Swivel)**

PART No.	Hose I.D.	Tube
SC632-44	1/4	1/4
SC632-66	3/8	3/8



**45° ELBOW
Female O-Ring
Face Seal
(Swivel)**

PART No.	Hose I.D.	ORFS
SC650-44	1/4	9/16 - 18
SC650-66	3/8	11/16 - 16
SC650-88	1/2	13/16 - 16
SC650-810	1/2	1 - 14

STEEL ONE PIECE CRIMP HOSE ENDS

(BITE-TO-THE-WIRE)



FOR USE WITH S.A.E. 100R1-AT, 100R2-AT, T1SN, T2SN, 100R16 AND
100R17 HOSE

ITEMS SHOWN ARE INTERCHANGEABLE WITH PARKER "43" SERIES COUPLINGS.
(They are Fairview Equivalents and are NOT PARKER Original Product.)



Male Pipe

PART No.	Hose I.D.	Pipe
SC925-4A	1/4	1/8
SC925-4B	1/4	1/4
SC925-4C	1/4	3/8
SC925-4D	1/4	1/2
SC925-6B	3/8	1/4
SC925-6C	3/8	3/8
SC925-6D	3/8	1/2
SC925-8C	1/2	3/8
SC925-8D	1/2	1/2
SC925-8E	1/2	3/4
SC925-12D	3/4	1/2
SC925-12E	3/4	3/4
SC925-12H	3/4	1
SC925-16E	1	3/4
SC925-16H	1	1
SC925-20J	1-1/4	1-1/4



**Male Pipe
(Working Swivel)**

PART No.	Hose I.D.	Pipe
SC925SW-4B	1/4	1/4
SC925SW-6B	3/8	1/4
SC925SW-6C	3/8	3/8
SC925SW-6D	3/8	1/2
SC925SW-8D	1/2	1/2
SC925SW-12E	3/4	3/4
SC925SW-16H	1	1



**Female
Pipe**

PART No.	Hose I.D.	Pipe
SC926-4B	1/4	1/4
SC926-6B	3/8	1/4
SC926-6C	3/8	3/8
SC926-8D	1/2	1/2



**S.A.E. 37°
Male Flare**

PART No.	Hose I.D.	Tube
SC937-44	1/4	1/4
SC937-45	1/4	5/16
SC937-46	1/4	3/8
SC937-66	3/8	3/8
SC937-68	3/8	1/2
SC937-88	1/2	1/2
SC937-810	1/2	5/8
SC937-812	1/2	3/4
SC937-1010	5/8	5/8
SC937-1012	5/8	3/4
SC937-1212	3/4	3/4
SC937-1216	3/4	1
SC937-1616	1	1



**S.A.E. 37°
Female Flare
(Swivel)**

PART No.	Hose I.D.	Tube
SC938-44	1/4	1/4
SC938-45	1/4	5/16
SC938-46	1/4	3/8
SC938-64	3/8	1/4
SC938-66	3/8	3/8
SC938-68	3/8	1/2
SC938-610	3/8	5/8
SC938-86	1/2	3/8
SC938-88	1/2	1/2
SC938-810	1/2	5/8
SC938-812	1/2	3/4
SC938-1010	5/8	5/8
SC938-1012	5/8	3/4
SC938-1210	3/4	5/8
SC938-1212	3/4	3/4
SC938-1214	3/4	7/8
SC938-1216	3/4	1
SC938-1612	1	3/4
SC938-1616	1	1
SC938-2020	1-1/4	1-1/4
SC938-2424	1-1/2	1-1/2



**Female
NPSM Pipe
(Swivel)**

PART No.	Hose I.D.	Pipe
SC926SW-4B	1/4	1/4
SC926SW-6C	3/8	3/8
SC926SW-6D	3/8	1/2
SC926SW-8D	1/2	1/2
SC926SW-12E	3/4	3/4
SC926SW-16H	1	1



**Female
(Grease Tap)**

PART No.	Hose I.D.	Thread
SC926GT-4A	1/4	1/2 - 27



**S.A.E. 45°
Female Flare
(Swivel)**

PART No.	Hose I.D.	Tube
SC928-66	3/8	3/8
SC928-1212	3/4	3/4



**S.A.E. 45°
Inverted Flare
(Swivel)**

PART No.	Hose I.D.	Tube
SC935-44	1/4	1/4
SC935-66	3/8	3/8



**Male
O-Ring Boss**

PART No.	Hose I.D.	O-Ring
SC943-44	1/4	7/16 - 18
SC943-46	1/4	9/16 - 18
SC943-66	3/8	9/16 - 18
SC943-68	3/8	3/4 - 16
SC943-88	1/2	3/4 - 16
SC943-810	1/2	7/8 - 14
SC943-1212	3/4	1-1/16 - 12



**Male
O-Ring Boss
(Working Swivel)**

PART No.	Hose I.D.	O-Ring
SC943SW-68	3/8	3/4 - 16
SC943SW-88	1/2	3/4 - 16



**Male
O-Ring Face
Seal**

PART No.	Hose I.D.	ORFS
SC953-44	1/4	9/16 - 18
SC953-66	3/8	11/16 - 16
SC953-68	3/8	13/16 - 16
SC953-88	1/2	13/16 - 16
SC953-810	1/2	1 - 14
SC953-1010	5/8	1 - 14
SC953-1212	3/4	1-3/16 - 12



**Female
O-Ring Face
Seal
(Swivel)**

PART No.	Hose I.D.	ORFS
SC958-44	1/4	9/16 - 18
SC958-46	1/4	11/16 - 16
SC958-66	3/8	11/16 - 16
SC958-68	3/8	13/16 - 16
SC958-88	1/2	13/16 - 16
SC958-810	1/2	1 - 14
SC958-1010	5/8	1 - 14
SC958-1012	5/8	1-3/16 - 12
SC958-1212	3/4	1-3/16 - 12
SC958-1616	1	1-7/16 - 12



**Tube
Repair
(Flareless)**

PART No.	Hose I.D.	Tube
SC967-65	3/8	5/16
SC967-66	3/8	3/8
SC967-88	1/2	1/2
SC967-810	1/2	5/8
SC967-1212	3/4	3/4

STEEL ONE PIECE CRIMP HOSE ENDS

(BITE-TO-THE-WIRE)



FOR USE WITH S.A.E. 100R1-AT, 100R2-AT, T1SN, T2SN, 100R16 AND
100R17 HOSE

ITEMS SHOWN ARE INTERCHANGEABLE WITH PARKER "43" SERIES COUPLINGS.
(They are Fairview Equivalents and are NOT PARKER Original Product.)



**Hose
Splicer**

PART No.	Hose I.D.
SC929-44	1/4
SC929-66	3/8
SC929-88	1/2
SC929-1212	3/4



**British
Standard
Pipe Parallel
Female (Swivel)
(BSPP)**

PART No.	Hose I.D.	Pipe
SC931BSP-44	1/4	1/4 - 19
SC931BSP-66	3/8	3/8 - 19
SC931BSP-88	1/2	1/2 - 14



**Female 30°
JIS Flare
Parallel Pipe
Female
(Swivel)**

PART No.	Hose I.D.	Pipe
SC931JIS-66	3/8	3/8



**Universal
Seat
(Light) Female
(Swivel) (DIN)**

PART No.	Hose I.D.	Tube	Metric
SC931LM-6-16	3/8	10 MM	M16X1.5
SC931LM-6-18	3/8	12 MM	M18X1.5
SC931LM-8-22	1/2	15 MM	M22X1.5



**90° ELBOW
Male Pipe
(Working
Swivel)**

PART No.	Hose I.D.	Pipe
SC916SW-4B	1/4	1/4
SC916SW-6C	3/8	3/8
SC916SW-8D	1/2	1/2



**90° ELBOW
Male O-Ring
Boss
(Working
Swivel)**

PART No.	Hose I.D.	O-Ring
SC936-66	3/8	9/16 - 18
SC936-68	3/8	3/4 - 16
SC936-88	1/2	3/4 - 16
SC936-810	1/2	7/8 - 14



**90° ELBOW
S.A.E. 37°
Female Flare
(Swivel)**

PART No.	Hose I.D.	Tube
SC939-44	1/4	1/4
SC939-46	1/4	3/8
SC939-66	3/8	3/8
SC939-68	3/8	1/2
SC939-88	1/2	1/2
SC939-810	1/2	5/8
SC939-1010	5/8	5/8
SC939-1212	3/4	3/4
SC939-1616	1	1
SC939-2020	1-1/4	1-1/4



**90° ELBOW
(LONG STYLE)
S.A.E. 37°
Female Flare
(Swivel)**

PART No.	Hose I.D.	Tube
SC939L-44	1/4	1/4
SC939L-46	1/4	3/8
SC939L-66	3/8	3/8
SC939L-88	1/2	1/2
SC939L-810	1/2	5/8
SC939L-1212	3/4	3/4
SC939L-1616	1	1



**90° ELBOW
S.A.E. 45°
Female Flare
(Swivel)**

PART No.	Hose I.D.	Tube
SC941-66	3/8	3/8



**90° ELBOW
S.A.E. 45°
Inverted
Flare
(Swivel)**

PART No.	Hose I.D.	Tube
SC931-44	1/4	1/4
SC931-66	3/8	3/8



**90° ELBOW
Female O-Ring
Face Seal
(Swivel)**

PART No.	HOSE	ORFS
SC959-44	1/4	9/16 - 18
SC959-46	1/4	11/16 - 16
SC959-66	3/8	11/16 - 16
SC959-68	3/8	13/16 - 16
SC959-88	1/2	13/16 - 16
SC959-810	1/2	1 - 14
SC959-1010	5/8	1 - 14
SC959-1212	3/4	1-3/16 - 12
SC959-1616	1	1-7/16 - 12



**90° ELBOW
British Standard
Pipe Parallel
Female (Swivel)
(BSPP)**

PART No.	Hose I.D.	Pipe
SC939BSP-44	1/4	1/4 - 19
SC939BSP-66	3/8	3/8 - 19
SC939BSP-88	1/2	1/2 - 14



**45° ELBOW
S.A.E. 37°
Female Flare
(Swivel)**

PART No.	Hose I.D.	Tube
SC940-44	1/4	1/4
SC940-66	3/8	3/8
SC940-68	3/8	1/2
SC940-88	1/2	1/2
SC940-810	1/2	5/8
SC940-1010	5/8	5/8
SC940-1212	3/4	3/4
SC940-1616	1	1



**45° ELBOW
Female O-Ring
Face Seal
(Swivel)**

PART No.	Hose I.D.	ORFS
SC950-44	1/4	9/16 - 18
SC950-46	1/4	11/16 - 16
SC950-66	3/8	11/16 - 16
SC950-68	3/8	13/16 - 16
SC950-88	1/2	13/16 - 16
SC950-810	1/2	1 - 14
SC950-1010	5/8	1 - 14
SC950-1212	3/4	1-3/16 - 12
SC950-1616	1	1-7/16 - 12



**45° ELBOW
British Standard
Pipe Parallel
Female (Swivel)
(BSPP)**

PART No.	Hose I.D.	Pipe
SC940BSP-44	1/4	1/4 - 19
SC940BSP-66	3/8	3/8 - 19

STEEL ONE PIECE CRIMP MULTI-SPIRAL HOSE ENDS

(NON-SKIVE / BITE-TO-THE-WIRE)



FOR USE WITH S.A.E. 100R12 HOSE

ITEMS SHOWN ARE INTERCHANGEABLE WITH PARKER "71" SERIES COUPLINGS.
(They are Fairview Equivalents and are NOT PARKER Original Product.)



Male Pipe

PART No.	Hose I.D.	Pipe
SCT925MS-8D	1/2	1/2
SCT925MS-12E	3/4	3/4
SCT925MS-16H	1	1
SCT925MS-20J	1-1/4	1-1/4
SCT925MS-24K	1-1/2	1-1/2



**Split Flange
Code 61**

PART No.	Hose I.D.	Flange
SCT900MS-1212	3/4	3/4
SCT900MS-1616	1	1
SCT900MS-2020	1-1/4	1-1/4

Code 62 Available SCT900MS62 in series.



**90° ELBOW
S.A.E. 37°
Female Flare
(Swivel)**

PART No.	Hose I.D.	Tube
SCT939MS-88	1/2	1/2
SCT939MS-810	1/2	5/8
SCT939MS-1212	3/4	3/4
SCT939MS-1216	3/4	1
SCT939MS-1616	1	1
SCT939MS-2020	1-1/4	1-1/4



**S.A.E. 37°
Male Flare**

PART No.	Hose I.D.	Tube
SCT937MS-88	1/2	1/2
SCT937MS-810	1/2	5/8
SCT937MS-1212	3/4	3/4
SCT937MS-1616	1	1
SCT937MS-2020	1-1/4	1-1/4



**45° ELBOW
S.A.E. 37°
Female Flare
(Swivel)**

PART No.	Hose I.D.	Tube
SCT940MS-88	1/2	1/2
SCT940MS-810	1/2	5/8
SCT940MS-1212	3/4	3/4
SCT940MS-1216	3/4	1
SCT940MS-1616	1	1
SCT940MS-2020	1-1/4	1-1/4



**90° ELBOW
BSP Parallel
Female
60° Cone
(Swivel)**

PART No.	Hose I.D.	Thread
SCT939BSPMS-1212	3/4	3/4 - 14
SCT939BSPMS-1616	1	1 - 11



**S.A.E. 37°
Female Flare
(Swivel)**

PART No.	Hose I.D.	Tube
SCT938MS-88	1/2	1/2
SCT938MS-810	1/2	5/8
SCT938MS-1212	3/4	3/4
SCT938MS-1212	3/4	3/4
SCT938MS-1216	3/4	1
SCT938MS-2020	1-1/4	1-1/4
SCT938MS-2424	1-1/2	1-1/2



**45° ELBOW
Split Flange
Code 61**

PART No.	Hose I.D.	Flange
SCT945MS-1212	3/4	3/4
SCT945MS-1616	1	1
SCT945MS-2020	1-1/4	1-1/4

Code 62 Available SCT945MS62 series.



**90° ELBOW
Female O-Ring
Face Seal
(Swivel)**

PART No.	Hose I.D.	ORFS
SCT959MS-88	1/2	13/16 - 16
SCT959MS-810	1/2	1 - 14
SCT959MS-1212	3/4	1-3/16 - 12
SCT959MS-1616	1	1-7/16 - 12
SCT959MS-2020	1-1/4	1-11/16 - 12



**90° ELBOW
Split Flange
Code 61**

PART No.	Hose I.D.	Flange
SCT990MS-1212	3/4	3/4
SCT990MS-1216	3/4	1
SCT990MS-1616	1	1
SCT990MS-1620	1	1-1/4
SCT990MS-2020	1-1/4	1-1/4

Code 62 Available SCT990MS62 series.



**Female O-Ring
Face Seal
(Swivel)**

PART No.	Hose I.D.	ORFS
SCT958MS-88	1/2	13/16 - 16
SCT958MS-810	1/2	1 - 14
SCT958MS-1212	3/4	1-3/16 - 12
SCT958MS-1616	1	1-7/16 - 12
SCT958MS-2020	1-1/4	1-11/16 - 12



**45° ELBOW
Female O-Ring
Face Seal
(Swivel)**

PART No.	Hose I.D.	ORFS
SCT950MS-88	3/4	13/16 - 16
SCT950MS-1212	3/4	1-3/16 - 12
SCT950MS-1616	1	1-7/16 - 12



**British Standard
Pipe Parallel
Female
60° Cone
(Swivel)**

PART No.	Hose I.D.	Thread
SCT931BSPMS-1212	3/4	3/4 - 14
SCT931BSPMS-1616	1	1 - 11



S.A.E. HYDRAULIC / TRUCK HOSE



S.A.E. 100R5 S.A.E. J1402

MEETS D.O.T. F.M.V.S.S. - 106
ONE WIRE BRAID
TWO COTTON BRAIDS
(NON SKIVE)
COVER IS NOT REMOVED

For medium pressure hydraulic service in the handling of most hydraulic fluids, gasoline, diesel fuels, lubricating oils, air and water. Recommended for power steering and power steering return lines, fuel filters, turbo chargers, tilt lines, lube oil lines and machine tools. Not suitable for use with phosphate esters.

- **CONSTRUCTION:** Textile inner braid with single wire braid reinforcement.
- **TUBE:** Oil and heat-resistant synthetic rubber inner tube.
- **COVER:** Textile outer braid and a cotton braided black cover.
- **COLOR:** Black
- **TEMPERATURE:** -40°F to +212°F, -40°C to +100°C
- **PACKAGING:** For Reel Lengths and Carton Quantities see below.
Sizes -4 to -16 available in 100 Ft. Coils.
- **FITTINGS:** SCW500 Crimp Page 80
SR500 Reusable Page 81

* Max. temperature recommended for air +140F, +60C

PART No.	Nominal I.D.	Actual I.D. (IN.)	Hose O.D. (IN.)	Working Pressure (P.S.I.)	Min. Burst Pressure (P.S.I.)	Min. Bend Radius (IN.)	Approx. Wgt. / Ft. (LBS.)	Reel Length (FT.)
HR5-4-REEL	1/4	3/16	0.52	3,000	12,000	3.00	.16	250
HR5-5-REEL	5/16	1/4	0.58	2,500	10,000	3.38	.18	250
HR5-6-REEL	3/8	5/16	0.68	2,250	9,000	4.00	.22	250
HR5-8-REEL	1/2	13/32	0.77	2,000	8,000	4.62	.27	250
HR5-10-REEL	5/8	1/2	0.92	1,750	7,000	5.50	.34	250
HR5-12-REEL	3/4	5/8	1.08	1,500	6,000	6.50	.42	250
HR5-16-REEL	1	7/8	1.24	800	3,200	7.38	.44	165
HR5-20-CTN	1-1/4	1-1/8	1.50	625	2,500	9.00	.52	100
HR5-24-CTN	1-1/2	1-3/8	1.75	500	2,000	10.50	.62	100
HR5-32-CTN	2	1-13/16	2.22	350	1,400	13.25	.93	100

BLUE HIGH TEMP. S.A.E. 100R5 HOSE



S.A.E. 100R5 S.A.E. J1402

HIGH TEMPERATURE

MEETS D.O.T. F.M.V.S.S. - 106
ONE WIRE BRAID
TWO COTTON BRAIDS
(NON SKIVE)
COVER IS NOT REMOVED

For high temperature, medium to high pressure hydraulic service in the handling of most hydraulic fluids, gasoline, diesel fuels, lubricating oils and water. Recommended for power steering and power steering return lines, fuel filters, turbo chargers, tilt lines, lube oil lines, compressors and machine tools. Not suitable with phosphate esters.

- **CONSTRUCTION:** Textile inner braid with single wire braid reinforcement.
- **TUBE:** Oil and heat-resistant synthetic rubber inner tube.
- **COVER:** Textile outer braid and a cotton braided cover.
- **COLOR:** Blue
- **TEMPERATURE:** -49°F to +300°F, -55°C to +150°C
- **PACKAGING:** For Reel Lengths and Carton Quantities see below.
- **FITTINGS:** SCW500 Crimp Page 80
SR500 Reusable Page 81

PART No.	Nominal I.D.	Actual I.D. (IN.)	Hose O.D. (IN.)	Working Pressure (P.S.I.)	Min. Burst Pressure (P.S.I.)	Min. Bend Radius (IN.)	Approx. Wgt. / Ft. (LBS.)	Reel Length (FT.)
HR5HT-6-REEL	3/8	5/16	0.67	2,250	9,000	4.00	.23	300
HR5HT-8-REEL	1/2	13/32	0.76	2,000	8,000	4.62	.26	500
HR5HT-10-REEL	5/8	1/2	0.93	1,750	7,000	5.50	.37	300
HR5HT-12-REEL	3/4	5/8	1.08	1,500	6,000	6.50	.46	250
HR5HT-16-REEL	1	7/8	1.27	800	3,200	7.38	.44	190
HR5HT-20-CTN	1-1/4	1-1/8	1.50	625	2,500	9.00	.52	90
HR5HT-24-CTN	1-1/2	1-3/8	1.75	500	2,000	10.50	.67	60

STEEL ONE PIECE CRIMP HOSE ENDS



FOR USE WITH S.A.E. 100R5 HOSE

**ITEMS SHOWN ARE INTERCHANGEABLE WITH WEATHERHEAD "069E" SERIES COUPLINGS.
(THEY ARE FAIRVIEW EQUIVALENTS AND ARE NOT WEATHERHEAD ORIGINAL PRODUCT.)**



**Male
Pipe**

PART No.	Nominal Hose I.D.	Pipe
SCW525-4B	1/4	1/4
SCW525-6B	3/8	1/4
SCW525-6C	3/8	3/8
SCW525-8C	1/2	3/8
SCW525-8D	1/2	1/2
SCW525-10D	5/8	1/2
SCW525-12E	3/4	3/4
SCW525-16H	1	1
SCW525-20J	1-1/4	1-1/4
SCW525-32M	2	2



**S.A.E. 37°
Female Flare
(Swivel)**

PART No.	Nominal Hose I.D.	Tube
SCW538-44	1/4	1/4
SCW538-66	3/8	3/8
SCW538-88	1/2	1/2
SCW538-108	5/8	1/2
SCW538-1010	5/8	5/8
SCW538-1212	3/4	3/4
SCW538-1616	1	1
SCW538-2020	1-1/4	1-1/4
SCW538-3232	2	2



**90° ELBOW
S.A.E. 37°
Female Flare
(Swivel)**

PART No.	Nominal Hose I.D.	Tube
SCW539-44	1/4	1/4
SCW539-66	3/8	3/8
SCW539-88	1/2	1/2
SCW539-1212	3/4	3/4
SCW539-1616	1	1



**S.A.E. 45°
Female Flare
(Swivel)**

PART No.	Nominal Hose I.D.	Tube
SCW528-66	3/8	3/8
SCW528-1212	3/4	3/4



**45° ELBOW
S.A.E. 37°
Female Flare
(Swivel)**

PART No.	Nominal Hose I.D.	Tube
SCW540-1212	3/4	3/4
SCW540-1616	1	1



**90° ELBOW
S.A.E. 45°
Female Flare
(Swivel)**

PART No.	Nominal Hose I.D.	Tube
SCW541-66	3/8	3/8
SCW541-1212	3/4	3/4

STEEL REUSABLE HOSE ENDS



FOR USE WITH S.A.E. 100R5 HOSE



Male Pipe

PART No.	Nominal Hose I.D.	Pipe
SR525-4A	1/4	1/8
SR525-4B	1/4	1/4
SR525-5B	5/16	1/4
SR525-6B	3/8	1/4
SR525-6C	3/8	3/8
SR525-8C	1/2	3/8
SR525-8D	1/2	1/2
SR525-10D	5/8	1/2
SR525-12E	3/4	3/4
SR525-16H	1	1
SR525-20J	1-1/4	1-1/4
SR525-24K	1-1/2	1-1/2
SR525-32M	2	2



**S.A.E. 45°
Male Flare**

PART No.	Nominal Hose I.D.	Tube
SR527-44	1/4	1/4
SR527-66	3/8	3/8
SR527-1010	5/8	5/8
SR527-1212	3/4	3/4



**S.A.E. 37°
MALE FLARE**

PART No.	Nominal Hose I.D.	Tube
SR537-44	1/4	1/4
SR537-66	3/8	3/8
SR537-88	1/2	1/2
SR537-1010	5/8	5/8
SR537-1212	3/4	3/4
SR537-1616	1	1



**S.A.E. 45°
Female Flare
(Swivel)**

PART No.	Nominal Hose I.D.	Tube
SR528-44	1/4	1/4
SR528-55	5/16	5/16
SR528-66	3/8	3/8
SR528-88	1/2	1/2
SR528-1010	5/8	5/8
SR528-1212	3/4	3/4



**S.A.E. 37°
Female Flare
(Swivel) Two
Piece Design**

PART No.	Nominal Hose I.D.	Tube
SR538-44	1/4	1/4
SR538-55	5/16	5/16
SR538-66	3/8	3/8
SR538-88	1/2	1/2
SR538-1010	5/8	5/8
SR538-1212	3/4	3/4
SR538-1616	1	1
SR538-2020	1-1/4	1-1/4
SR538-2424	1-1/2	1-1/2
SR538-3232	2	2



**S.A.E. 45°
Inverted
Flare
(Swivel)**

PART No.	Nominal Hose I.D.	Tube
SR535-66	3/8	3/8



**90° ELBOW
S.A.E. 37°
Female Flare
(Swivel)**

PART No.	Nominal Hose I.D.	Tube
SR539-44	1/4	1/4
SR539-55	5/16	5/16
SR539-66	3/8	3/8
SR539-88	1/2	1/2
SR539-1010	5/8	5/8
SR539-1212	3/4	3/4
SR539-1616	1	1
SR539-2020	1-1/4	1-1/4



**90° ELBOW
(LONG STYLE)
S.A.E. 37°
Female Flare
(Swivel)**

PART No.	Nominal Hose I.D.	Tube
SR539L-66	3/8	3/8



**90° ELBOW
S.A.E. 45°
Female Flare
(Swivel)**

PART No.	Nominal Hose I.D.	Tube
SR541-44	1/4	1/4
SR541-66	3/8	3/8
SR541-1212	3/4	3/4



**90° ELBOW
S.A.E. 45°
Inverted Flare
(Swivel)**

PART No.	Nominal Hose I.D.	Tube
SR595-66	3/8	3/8



**45° ELBOW
S.A.E. 37°
Female Flare
(Swivel)**

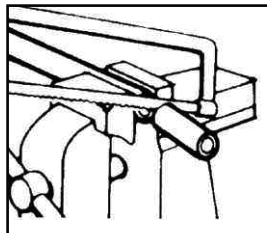
PART No.	Nominal Hose I.D.	Tube
SR540-44	1/4	1/4
SR540-66	3/8	3/8
SR540-88	1/2	1/2
SR540-1010	5/8	5/8
SR540-1212	3/4	3/4
SR540-1616	1	1

STEEL REUSABLE HOSE ENDS



FOR USE WITH: S.A.E. 100R1-AT (NON SKIVE) HOSE				FOR USE WITH: S.A.E. 100R2-AT (NON SKIVE) HOSE			
			Male Pipe				S.A.E. 37° Female Flare (Swivel)
PART No.	Hose I.D.	Pipe		PART No.	Hose I.D.	Tube	
SRT125-4B	1/4	1/4		SRT138-44 *	1/4	1/4	
SRT125-6C	3/8	3/8		SRT138-66 *	3/8	3/8	
SRT125-8D	1/2	1/2		SRT138-88 *	1/2	1/2	
* Item is available in stainless steel. Change prefix to "SS" (eg. SSRT238-44) •							
			Male Pipe				S.A.E. 37° Female Flare (Swivel)
PART No.	Hose I.D.	Pipe		PART No.	Hose I.D.	Tube	
SRT225-4B	1/4	1/4		SRT238-44 *	1/4	1/4	
SRT225-6C	3/8	3/8		SRT238-66 *	3/8	3/8	
SRT225-8D	1/2	1/2		SRT238-88 *	1/2	1/2	
				SRT238-1212 *	3/4	3/4	

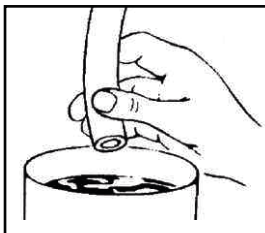
ASSEMBLY INSTRUCTIONS FOR NON-SKIVE S.A.E. 100R1, 100R2 & 100R5 STEEL REUSABLE HOSE ENDS



STEP 1

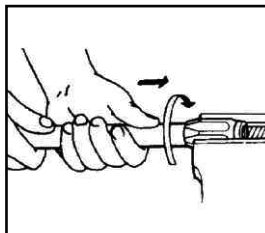
Using a fine-toothed saw or cut-off wheel, cut the hose square to the desired length. Clean hose with air pressure to remove dust particles.

CAUTION: Larger diameter hose is subject to "Neck Down" during cut-off operations. This condition does not allow the nipple to be pushed into the hose. When this happens, that portion of the hose I.D. must be chamfered with a sharp knife, just enough to allow the nipple to be pushed into the hose. Be sure to remove the cut-off rubber from the assembly.



STEP 2

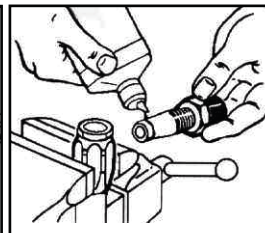
Dip the end of the hose into a lubricant. Use a light viscosity oil (S.A.E. 10 or 20)



STEP 3

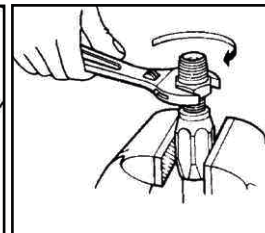
Turn the hose counterclockwise into the socket until the hose bottoms.

IMPORTANT: Back the hose off at least 1/2 turn, check to be sure that there is a gap of 1/32" to 1/16" between the hose end and the shoulder on the inside of the socket. Failure to provide this gap may cause cracking of the socket.



STEP 4

Dip the nipple end into a lubricant. Refer to step 2. (Light weight oil S.A.E. 10 or 20).



STEP 5

Turn the stem clockwise into the hose and socket until the stem hex shoulders against the ferrule.



S.A.E. HYDRAULIC HOSE

HIGH PRESSURE HOSE



S.A.E. 100R12 EN856 4SN

FOUR SPIRAL WIRE
(NON SKIVE / SKIVE)

For very high pressure hydraulic service in the handling of most hydraulic fluids, diesel fuels, water and lubricating oils. Not suitable for use with phosphate esters.

- **CONSTRUCTION:**

Four Spirals of High Tensile Steel Wire.

- **TUBE:** Oil and Heat-Resistant Synthetic Rubber Inner Tube.

- **COVER:** Oil, Weather and Flame-Resistant M.S.H.A. Approved Synthetic Rubber Cover.

- **TEMPERATURE:** -40°F to +200°F, -40°C to +93°C

- **PACKAGING:** Coils

- **FITTINGS:** SCT900MS (Non-Skive) Bite-To-The-Wire Page 79

- * **S.A.E. WORKING PRESSURES SHOWN**

- **LOW TEMPERATURE:** -67°F to +200°F, -55°C to +93°C Available change prefix to HRA12LT-. Minimum runs apply.

PART No.	Actual I.D. (IN.)	Hose O.D. (IN.)	* Working Pressure (P.S.I.)	Min. Burst Pressure (P.S.I.)	Min. Bend Radius (IN.)	Approx. Wgt. / Ft. (LBS.)	Coil Lengths (FT.)
HRA12-6	3/8	.787	4,000	16,000	5.00	.44	131
HRA12-8	1/2	.934	4,000	16,000	7.00	.56	131
HRA12-12	3/4	1.210	4,000	16,000	9.50	.89	131
HRA12-16	1	1.495	4,000	16,000	12.00	1.30	131
HRA12-20	1-1/4	1.850	3,000	12,000	16.50	1.79	131

STEEL ONE PIECE CRIMP MULTI-SPIRAL HOSE ENDS

(NON-SKIVE / BITE-TO-THE-WIRE)



FOR USE WITH S.A.E. 100R12 HOSE

ITEMS SHOWN ARE INTERCHANGEABLE WITH PARKER "71" SERIES COUPLINGS.
(They are Fairview Equivalents and are NOT PARKER Original Product.)



Male Pipe

PART No.	Hose I.D.	Pipe
SCT925MS-8D	1/2	1/2
SCT925MS-12E	3/4	3/4
SCT925MS-16H	1	1
SCT925MS-20J	1-1/4	1-1/4
SCT925MS-24K	1-1/2	1-1/2



**Split Flange
Code 61**

PART No.	Hose I.D.	Flange
SCT900MS-1212	3/4	3/4
SCT900MS-1616	1	1
SCT900MS-2020	1-1/4	1-1/4

Code 62 Available SCT900MS62 in series.



**90° ELBOW
S.A.E. 37°
Female Flare
(Swivel)**

PART No.	Hose I.D.	Tube
SCT939MS-88	1/2	1/2
SCT939MS-810	1/2	5/8
SCT939MS-1212	3/4	3/4
SCT939MS-1216	3/4	1
SCT939MS-1616	1	1
SCT939MS-2020	1-1/4	1-1/4



**S.A.E. 37°
Male Flare**

PART No.	Hose I.D.	Tube
SCT937MS-88	1/2	1/2
SCT937MS-810	1/2	5/8
SCT937MS-1212	3/4	3/4
SCT937MS-1616	1	1
SCT937MS-2020	1-1/4	1-1/4



**45° ELBOW
S.A.E. 37°
Female Flare
(Swivel)**

PART No.	Hose I.D.	Tube
SCT940MS-88	1/2	1/2
SCT940MS-810	1/2	5/8
SCT940MS-1212	3/4	3/4
SCT940MS-1216	3/4	1
SCT940MS-1616	1	1
SCT940MS-2020	1-1/4	1-1/4



**90° ELBOW
BSP Parallel
Female
60° Cone
(Swivel)**

PART No.	Hose I.D.	Thread
SCT939BSPMS-1212	3/4	3/4 - 14
SCT939BSPMS-1616	1	1 - 11



**S.A.E. 37°
Female Flare
(Swivel)**

PART No.	Hose I.D.	Tube
SCT938MS-88	1/2	1/2
SCT938MS-810	1/2	5/8
SCT938MS-1212	3/4	3/4
SCT938MS-1212	3/4	3/4
SCT938MS-1216	3/4	1
SCT938MS-2020	1-1/4	1-1/4
SCT938MS-2424	1-1/2	1-1/2



**45° ELBOW
Split Flange
Code 61**

PART No.	Hose I.D.	Flange
SCT945MS-1212	3/4	3/4
SCT945MS-1616	1	1
SCT945MS-2020	1-1/4	1-1/4

Code 62 Available SCT945MS62 series.



**90° ELBOW
Female O-Ring
Face Seal
(Swivel)**

PART No.	Hose I.D.	ORFS
SCT959MS-88	1/2	13/16 - 16
SCT959MS-810	1/2	1 - 14
SCT959MS-1212	3/4	1-3/16 - 12
SCT959MS-1616	1	1-7/16 - 12
SCT959MS-2020	1-1/4	1-11/16 - 12



**Female O-Ring
Face Seal
(Swivel)**

PART No.	Hose I.D.	ORFS
SCT958MS-88	1/2	13/16 - 16
SCT958MS-810	1/2	1 - 14
SCT958MS-1212	3/4	1-3/16 - 12
SCT958MS-1616	1	1-7/16 - 12
SCT958MS-2020	1-1/4	1-11/16 - 12



**45° ELBOW
Female O-Ring
Face Seal
(Swivel)**

PART No.	Hose I.D.	ORFS
SCT950MS-88	3/4	13/16 - 16
SCT950MS-1212	3/4	1-3/16 - 12
SCT950MS-1616	1	1-7/16 - 12



**90° ELBOW
Split Flange
Code 61**

PART No.	Hose I.D.	Flange
SCT990MS-1212	3/4	3/4
SCT990MS-1216	3/4	1
SCT990MS-1616	1	1
SCT990MS-1620	1	1-1/4
SCT990MS-2020	1-1/4	1-1/4

Code 62 Available SCT990MS62 series.



**British Standard
Pipe Parallel
Female
60° Cone
(Swivel)**

PART No.	Hose I.D.	Thread
SCT931BSPMS-1212	3/4	3/4 - 14
SCT931BSPMS-1616	1	1 - 11



OPERATING AND BURST PRESSURES OF HYDRAULIC FITTINGS



MAXIMUM OPERATING (P.S.I.)

Dash Size	37° S.A.E.		Male Pipe	Fem. Pipe	Fem. Pipe Swivel	O-Ring Boss		O-Ring Face Seal		Flareless Tube
	Male	Swivel				Male	Female	Studs	Adjusting Studs	
-2	5000	4000	5000	5000	4500	5000	5000	5000	5000	5000
-3	5000	4000	-	-	-	5000	5000	5000	5000	5000
-4	5000	4000	5000	5000	4500	5000	5000	5000	5000	5000
-5	5000	4000	-	-	-	5000	5000	5000	5000	5000
-6	5000	4000	4000	4000	4000	5000	5000	5000	5000	4000
-8	4500	4000	3000	3000	4000	4500	4500	6000	6000	3000
-10	3500	3000	-	-	-	3500	3500	3500	3500	3000
-12	3500	3000	2500	2500	3000	3500	3500	3500	3500	2500
-14	3000	2500	-	-	-	3000	3000	3000	3000	2500
-16	3000	2500	2000	2000	2500	3000	3000	3000	3000	2000
-20	2500	2000	1150	1150	2000	2500	2500	2500	2500	1150
-24	2000	1500	1000	1000	1500	2000	2000	2000	2000	1000
-32	1500	1125	1000	1000	1125	1500	1500	1500	1500	1000

MINIMUM BURST (P.S.I.)

Dash Size	37° S.A.E.		Male Pipe	Fem. Pipe	Fem. Pipe Swivel	O-Ring Boss		O-Ring Face Seal		Flareless Tube
	Male	Swivel				Male	Female	Studs	Adjusting Studs	
-2	20000	16000	20000	20000	18000	20000	20000	20000	20000	20000
-3	20000	16000	-	-	-	20000	20000	20000	20000	20000
-4	20000	16000	20000	20000	18000	20000	20000	20000	20000	20000
-5	20000	16000	-	-	-	20000	20000	20000	20000	20000
-6	20000	16000	16000	16000	16000	20000	20000	20000	20000	16000
-8	18000	16000	12000	12000	16000	18000	18000	24000	24000	12000
-10	14000	12000	-	-	-	14000	14000	14000	14000	12000
-12	14000	12000	10000	10000	12000	14000	14000	14000	14000	10000
-14	12000	10000	-	-	-	12000	12000	12000	12000	10000
-16	12000	10000	8000	8000	10000	12000	12000	24000	20000	8000
-20	10000	8000	4600	4600	8000	10000	10000	16000	16000	4600
-24	8000	6000	4000	4000	6000	8000	8000	16000	12000	4000
-32	6000	4500	4000	4000	4500	6000	6000	6000	6000	4000

NOTE: If a fitting has multiple ends, (i.e. 1/2 male pipe to 3/8 male pipe) or one or more different style ends, (i.e. O-ring boss to male pipe threads.), it is recommended that the lower pressure of the two end styles must be recognized as the working pressure rating for that fitting.

STEEL 37° J.I.C. FLARE SWIVEL ADAPTERS



CONNECTOR
Female 37°
Swivel To
Male Pipe

PART No.	Swivel	Pipe
S3520-4A	1/4	1/8
S3520-4B	1/4	1/4
S3520-6B	3/8	1/4
S3520-6C	3/8	3/8
S3520-8C	1/2	3/8
S3520-8D	1/2	1/2
S3520-10D	5/8	1/2
S3520-10E	5/8	3/4
S3520-12D	3/4	1/2
S3520-12E	3/4	3/4
S3520-16E	1	3/4
S3520-16H	1	1
S3520-20J	1-1/4	1-1/4
S3520-24K	1-1/2	1-1/2



CONNECTOR
Female 37°
Swivel To
Male O-Ring

PART No.	Swivel	O-Ring
S3522-4	1/4	7/16 - 20
S3522-6	3/8	9/16 - 18
S3522-8	1/2	3/4 - 16
S3522-10	5/8	7/8 - 14
S3522-12	3/4	1-1/16 - 12
S3522-16	1	1-5/16 - 12
S3522-20	1-1/4	1-5/8 - 12



CONNECTOR
Female 37°
Swivel To
Female Pipe

PART No.	Swivel	Pipe
S3526-4A	1/4	1/8
S3526-4B	1/4	1/4
S3526-6B	3/8	1/4
S3526-6C	3/8	3/8
S3526-8C	1/2	3/8
S3526-8D	1/2	1/2
S3526-10D	5/8	1/2
S3526-12E	3/4	3/4
S3526-16H	1	1
S3526-20J	1-1/4	1-1/4
S3526-24K	1-1/2	1-1/2



UNION
Female 37°
Swivel

PART No.	Swivel
S3542-4	1/4
S3542-6	3/8
S3542-8	1/2
S3542-12	3/4
S3542-16	1



CONNECTOR
Female 37°
Swivel To
Male JIC

PART No.	Swivel	Tube
S3548-4	1/4	1/4
S3548-6	3/8	3/8
S3548-8	1/2	1/2
S3548-10	5/8	5/8
S3548-12	3/4	3/4
S3548-16	1	1



90° ELBOW
Female 37°
Swivel To
Male Pipe

PART No.	Swivel	Pipe
S3516-4A	1/4	1/8
S3516-4B	1/4	1/4
S3516-6B	3/8	1/4
S3516-6C	3/8	3/8
S3516-8C	1/2	3/8
S3516-8D	1/2	1/2
S3516-10D	5/8	1/2
S3516-12E	3/4	3/4
S3516-16H	1	1



90° ELBOW
Female 37°
Swivel To
Male O-Ring

PART No.	Swivel	O-Ring
S3599-6	3/8	9/16 - 18
S3599-8	1/2	3/4 - 16
S3599-10	5/8	7/8 - 14
S3599-12	3/4	1-1/16 - 12
S3599-16	1	1-5/16 - 12



90° ELBOW
Female 37°
Swivel To
Male JIC

PART No.	Swivel	Tube
S3549-4	1/4	1/4
S3549-5	5/16	5/16
S3549-6	3/8	3/8
S3549-68	3/8	1/2
S3549-8	1/2	1/2
S3549-86	1/2	3/8
S3549-810	1/2	5/8
S3549-10	5/8	5/8
S3549-12	3/4	3/4
S3549-16	1	1
S3549-20	1-1/4	1-1/4
S3549-24	1-1/2	1-1/2



90° BENT TUBE
ELBOW
Female 37°
Swivel To
Male JIC

PART No.	Swivel	Tube	Drop Length
S3549BT-4	1/4	1/4	0.68
S3549BT-8	1/2	1/2	1.09
S3549BT-10	5/8	5/8	1.23
S3549BT-12	3/4	3/4	1.83
S3549BT-16	1	1	2.14
S3549BT-20	1-1/4	1-1/4	9999



90° BENT TUBE
ELBOW
(LONG STYLE)
Female 37°
Swivel To M. JIC

PART No.	Swivel	Tube	Drop Length
S3549LBT-8	1/2	1/2	2.44
S3549LBT-12	3/4	3/4	3.73
S3549LBT-16	1	1	4.33



45° ELBOW
Female 37°
Swivel To
Male JIC

PART No.	Swivel	Tube
S3554-4	1/4	1/4
S3554-6	3/8	3/8
S3554-8	1/2	1/2
S3554-10	5/8	5/8
S3554-12	3/4	3/4
S3554-16	1	1
S3554-20	1-1/4	1-1/4
S3554-24	1-1/2	1-1/2



TEE
Male JIC To
Male JIC To
Female 37°
Swivel

PART No.	Swivel	Tube
S3545-4	1/4	1/4
S3545-6	3/8	3/8
S3545-8	1/2	1/2
S3545-10	5/8	5/8
S3545-12	3/4	3/4
S3545-16	1	1
S3545-20	1-1/4	1-1/4



TEE
Tube To Female
37° Swivel To
Male JIC

PART No.	Swivel	Tube
S3551-4	1/4	1/4
S3551-6	3/8	3/8
S3551-8	1/2	1/2
S3551-10	5/8	5/8
S3551-12	3/4	3/4
S3551-16	1	1
S3551-20	1-1/4	1-1/4



TEE
Tube To Female
37° Swivel To
Male Pipe

PART No.	Tube	Swivel	Pipe
S3536-8B	1/2	1/2	1/4

STEEL 37° J.I.C. FLARE ADAPTERS



SLEEVE

PART No.	Tube
S3721-4	1/4
S3721-6	3/8
S3721-8	1/2
S3721-10	5/8
S3721-12	3/4
S3721-16	1
S3721-20	1-1/4



**SLEEVE
NUT**

PART No.	Tube
S3720-4	1/4
S3720-6	3/8
S3720-8	1/2
S3720-10	5/8
S3720-12	3/4
S3720-16	1
S3720-20	1-1/4



**REDUCER
Female JIC
To Male JIC
(ONE PIECE TYPE)**

PART No.	Female Tube	Male Tube
S3735-46	1/4	3/8
S3735-64	3/8	1/4
S3735-68	3/8	1/2
S3735-84	1/2	1/4
S3735-86	1/2	3/8
S3735-810	1/2	5/8
S3735-812	1/2	3/4
S3735-106	5/8	3/8
S3735-108	5/8	1/2
S3735-1012	5/8	3/4
S3735-124	3/4	1/4
S3735-126	3/4	3/8
S3735-128	3/4	1/2
S3735-1210	3/4	5/8
S3735-1216	3/4	1
S3735-164	1	1/4
S3735-166	1	3/8
S3735-168	1	1/2
S3735-1610	1	5/8
S3735-1612	1	3/4
S3735-1620	1	1-1/4
S3735-2012	1-1/4	3/4
S3735-2016	1-1/4	1
S3735-2416	1-1/2	1
S3735-2420	1-1/2	1-1/4
S3735-3224	2	1-1/2



**UNION
Male JIC To Male
JIC**

PART No.	Tube	Tube
S3742-4	1/4	1/4
S3742-5	5/16	5/16
S3742-6	3/8	3/8
S3742-64	3/8	1/4
S3742-8	1/2	1/2
S3742-86	1/2	3/8
S3742-10	5/8	5/8
S3742-108	5/8	1/2
S3742-12	3/4	3/4
S3742-128	3/4	1/2
S3742-1210	3/4	5/8
S3742-16	1	1
S3742-1612	1	3/4
S3742-20	1-1/4	1-1/4
S3742-2016	1-1/4	1
S3742-24	1-1/2	1-1/2
S3742-32	2	2



**CONNECTOR
Male JIC To
Female Pipe**

PART No.	Tube	Pipe
S3746-4A	1/4	1/8
S3746-4B	1/4	1/4
S3746-6B	3/8	1/4
S3746-6C	3/8	3/8
S3746-6D	3/8	1/2
S3746-8B	1/2	1/4
S3746-8C	1/2	3/8
S3746-8D	1/2	1/2
S3746-10D	5/8	1/2
S3746-10E	5/8	3/4
S3746-12D	3/4	1/2
S3746-12E	3/4	3/4
S3746-16H	1	1
S3746-20J	1-1/4	1-1/4
S3746-24K	1-1/2	1-1/2
S3746-32M	2	2



**CONNECTOR
37° Tube to
British Standard
Pipe Parallel
Male**

PART No.	Tube	BSPP
S3748BSPP-44	1/4	1/4
S3748BSPP-66	3/8	3/8
S3748BSPP-88	1/2	1/2



**CONNECTOR
Male JIC To
Male Pipe**

PART No.	Tube	Pipe
S3748-2A	1/8	1/8
S3748-3A	3/16	1/8
S3748-4A	1/4	1/8
S3748-4B	1/4	1/4
S3748-4C	1/4	3/8
S3748-4D	1/4	1/2
S3748-5A	5/16	1/8
S3748-5B	5/16	1/4
S3748-6A	3/8	1/8
S3748-6B	3/8	1/4
S3748-6C	3/8	3/8
S3748-6D	3/8	1/2
S3748-6E	3/8	3/4
S3748-8B	1/2	1/4
S3748-8C	1/2	3/8
S3748-8D	1/2	1/2
S3748-8E	1/2	3/4
S3748-8H	1/2	1
S3748-10C	5/8	3/8
S3748-10D	5/8	1/2
S3748-10E	5/8	3/4
S3748-12D	3/4	1/2
S3748-12E	3/4	3/4
S3748-12H	3/4	1
S3748-16D	1	1/2
S3748-16E	1	3/4
S3748-16H	1	1
S3748-16J	1	1-1/4
S3748-20H	1-1/4	1
S3748-20J	1-1/4	1-1/4
S3748-20K	1-1/4	1-1/2
S3748-24K	1-1/2	1-1/2
S3748-32K	2	1-1/2
S3748-32M	2	2



**Male JIC
PLUG**

PART No.	Tube
S3758-3	3/16
S3758-4	1/4
S3758-5	5/16
S3758-6	3/8
S3758-8	1/2
S3758-10	5/8
S3758-12	3/4
S3758-14	7/8
S3758-16	1
S3758-20	1-1/4
S3758-24	1-1/2
S3758-32	2

STEEL 37° J.I.C. FLARE ADAPTERS



CAP NUT

PART No.

S3756-4
S3756-5
S3756-6
S3756-8
S3756-10
S3756-12
S3756-14
S3756-16
S3756-20
S3756-24
S3756-32

Tube

1/4
5/16
3/8
1/2
5/8
3/4
7/8
1
1-1/4
1-1/2
2



**90° ELBOW
Male JIC To
Male Pipe**

PART No.

S3749-2A
S3749-4A
S3749-4B
S3749-4C
S3749-4D
S3749-6A
S3749-6B
S3749-6C
S3749-6D
S3749-6E
S3749-8B
S3749-8C
S3749-8D
S3749-8E
S3749-8H
S3749-10C
S3749-10D
S3749-10E
S3749-12D
S3749-12E
S3749-12H
S3749-16E
S3749-16H
S3749-16J
S3749-20H
S3749-20J
S3749-20K
S3749-24J
S3749-24K
S3749-32M

Tube

1/8
1/4
1/4
1/4
1/4
3/8
3/8
3/8
3/8
3/8
1/2
1/2
1/2
1/2
1/2
1/2
5/8
5/8
5/8
3/4
3/4
3/4
3/4
1
1
1
1-1/4
1-1/4
1-1/4
1-1/4
1-1/2
1-1/2
2

Pipe

1/8
1/8
1/4
3/8
1/2
1/8
1/4
3/8
1/2
3/4
1/4
3/8
1/2
3/4
3/4
1
3/8
1/2
3/4
1/2
3/4
3/4
1
3/4
1
1-1/4
1
1-1/4
1-1/2
1-1/4
1-1/2
2



**90° ELBOW
(EXTRA LONG
STYLE)
Male JIC To
Male Pipe**

PART No.

S3749EL-4A
S3749EL-4B

Tube

1/4
1/4

Pipe

1/8
1/4



**90° ELBOW
(EXTRA-EXTRA
LONG STYLE)
Male JIC To
Male Pipe**

PART No.

S3749EEL-4A

Tube

1/4

Pipe

1/8



**90° ELBOW
37° Tube to
British Standard
Pipe Parallel
Male**

PART No.

S3749BSPP-42

Tube

1/4

BSPP

1/8



**90° ELBOW
Male JIC To
Female Pipe**

PART No.

S3750-4A
S3750-4B
S3750-6B
S3750-6C
S3750-8C
S3750-8D
S3750-10D
S3750-12E
S3750-16H

Tube

1/4
1/4
3/8
3/8
1/2
1/2
5/8
3/4
1

Pipe

1/8
1/4
1/4
3/8
3/8
1/2
1/2
3/4
1



**90° ELBOW
Male JIC To Male
JIC**

PART No.

S3755-4
S3755-6
S3755-8
S3755-10
S3755-12
S3755-16
S3755-20

Tube

1/4
3/8
1/2
5/8
3/4
1
1-1/4

Tube

1/4
3/8
1/2
5/8
3/4
1
1-1/4



**45° ELBOW
Male JIC To
Male Pipe**

PART No.

S3754-4A
S3754-4B
S3754-6B
S3754-6C
S3754-6D
S3754-8C
S3754-8D
S3754-8E
S3754-10C
S3754-10D
S3754-12D
S3754-12E
S3754-16E
S3754-16H
S3754-20J
S3754-24K

Tube

1/4
1/4
3/8
3/8
3/8
1/2
1/2
1/2
5/8
5/8
3/4
3/4
1
1
1-1/4
1-1/2

Pipe

1/8
1/4
1/4
3/8
1/2
3/8
1/2
3/4
3/8
1/2
1/2
3/4
3/4
1
1
1-1/4
1-1/2



**TEE
Male JIC To
Male JIC To
Female Pipe**

PART No.

S3736-6B
S3736-8D
S3736-12E

Tube

3/8
1/2
3/4

Pipe

1/4
1/2
3/4



**90° ELBOW
(LONG STYLE)
Male JIC To
Male Pipe**

PART No.

S3749L-4A
S3749L-4B
S3749L-6B
S3749L-8D

Tube

1/4
1/4
3/8
1/2

Pipe

1/8
1/4
1/4
1/2

STEEL 37° J.I.C. FLARE ADAPTERS



**TEE
Male JIC
All Ends**

PART No.	Tube	Tube
S3744-4	1/4	1/4
S3744-6	3/8	3/8
S3744-8	1/2	1/2
S3744-10	5/8	5/8
S3744-12	3/4	3/4
S3744-16	1	1
S3744-20	1-1/4	1-1/4



**TEE
Male JIC To
Male Pipe To
Tube**

PART No.	Tube	Pipe
S3751-4B	1/4	1/4
S3751-6B	3/8	1/4
S3751-6C	3/8	3/8
S3751-6D	3/8	1/2
S3751-8C	1/2	3/8
S3751-8D	1/2	1/2
S3751-12E	3/4	3/4
S3751-16H	1	1



**TEE
Male JIC To
Male JIC To
Male Pipe**

PART No.	Tube	Pipe
S3745-4B	1/4	1/4
S3745-6B	3/8	1/4
S3745-6C	3/8	3/8
S3745-8C	1/2	3/8
S3745-8D	1/2	1/2
S3745-12E	3/4	3/4
S3745-16H	1	1



**CROSS
Male JIC
All Ends**

PART No.	Tube
S3752-6	3/8
S3752-8	1/2



**Contact us for
Custom Made
Hose
Assemblies**

STEEL 37° S.A.E. FLARE BULKHEAD ADAPTERS



**BULKHEAD
UNION
Male JIC To
Male JIC**

PART No.	Tube
S3842-4	1/4
S3842-6	3/8
S3842-8	1/2
S3842-10	5/8
S3842-12	3/4
S3842-16	1
S3842-20	1-1/4



**BULKHEAD
CONNECTOR
Tube To
Female Pipe**

PART No.	Tube	Pipe
S3846-4A	1/4	1/8
S3846-4B	1/4	1/4
S3846-6C	3/8	3/8
S3846-8D	1/2	1/2
S3846-12E	3/4	3/4
S3846-16H	1	1



**BULKHEAD
TEE
Tube All Ends**

PART No.	Tube
S3845-4	1/4
S3845-6	3/8
S3845-8	1/2
S3845-12	3/4



**BULKHEAD
CONNECTOR
Tube To Pipe**

PART No.	Tube	Pipe
S3848-4B	1/4	1/4
S3848-6B	3/8	1/4
S3848-6C	3/8	3/8
S3848-8D	1/2	1/2
S3848-10D	5/8	1/2
S3848-12E	3/4	3/4
S3848-16H	1	1
S3848-20J	1-1/4	1-1/4



**45° BULKHEAD
ELBOW
Tube To Tube**

PART No.	Tube
S3854-6	3/8
S3854-8	1/2
S3854-12	3/4
S3854-16	1



**90° BULKHEAD
ELBOW
Tube To Tube**

PART No.	Tube
S3855-4	1/4
S3855-6	3/8
S3855-8	1/2
S3855-12	3/4
S3855-16	1



**BULKHEAD
LOCKNUT**

PART No.	Tube
S3831N-4	1/4
S3831N-6	3/8
S3831N-8	1/2
S3831N-12	3/4
S3831N-16	1

**NOTE:
BULKHEADS COME COMPLETE
WITH LOCKNUTS**

FLANGE ADAPTERS AND KITS



(CODE 61 MAXIMUM WORKING PRESSURE 3000 PSI)



**SPLIT FLANGE
ADAPTER
Male JIC To
Code 61 Flange**

PART No.	Tube	Split Flange
S3700BT-1212	3/4	3/4
S3700BT-1216	3/4	1
S3700BT-1616	1	1



**90° ELBOW
SPLIT FLANGE
Male JIC To
Code 61 Flange**

PART No.	Tube	Split Flange
S3790BT-1212	3/4	3/4
S3790BT-1616	1	1
S3790BT-1620	1	1-1/4
S3790BT-2020	1-1/4	1-1/4
S3790BT-2424	1-1/2	1-1/2
S3790BT-2432	1-1/2	2



**45° ELBOW
SPLIT FLANGE
Male JIC To
Code 61 Flange**

PART No.	Tube	Split Flange
S3740BT-812	1/2	3/4
S3740BT-1212	3/4	3/4
S3740BT-1616	1	1



**HALVES KIT
Code 61 Split Flange**

** Includes Bolts, Lock Washers and O-Ring.

PART No.	Flange Size	Head Size
SFK61-12	3/4	1.50
SFK61-16	1	1.75
SFK61-20	1-1/4	2.00
SFK61-24	1-1/2	2.38
SFK61-32	2	2.81



**FLANGE PAD KIT
Code 61 Female Pipe**

** Includes Bolts, Lock Washers and O-Ring.

PART No.	Pipe	Pad Size
SFPK2661-16H	1	1
SFPK2661-20J	1-1/4	1-1/4
SFPK2661-24K	1-1/2	1-1/2
SFPK2661-32M	2	2



**BUNA-N
SPLIT
FLANGE
O-Ring**

PART No.	Flange Size	Dia.
SFO-12	3/4	.984
SFO-16	1	1.296
SFO-20	1-1/4	1.484
SFO-24	1-1/2	1.859
SFO-32	2	2.234

(CODE 62 MAXIMUM WORKING PRESSURE 6000 PSI)



**SPLIT FLANGE
ADAPTER
Male JIC To
Code 62 Flange**

PART No.	Tube	Split Flange
S3700BT62-1212	3/4	3/4
S3700BT62-1616	1	1



**90° ELBOW
SPLIT FLANGE
Male JIC To
Code 62 Flange**

PART No.	Tube	Split Flange
S3790BT62-1212	3/4	3/4
S3790BT62-1216	3/4	1
S3790BT62-1616	1	1
S3790BT62-1620	1	1-1/4
S3790BT62-2020	1-1/4	1-1/4



**HALVES KIT
Code 62 Split Flange**

** Includes Bolts, Lock Washers and O-Ring.

PART No.	Flange Size	Head Size
SFK62-12	3/4	1.63
SFK62-16	1	1.88
SFK62-20	1-1/4	2.12



**BUNA-N
SPLIT
FLANGE
O-Ring**

PART No.	Flange Size	Dia.
SFO-12	3/4	.984
SFO-16	1	1.296
SFO-20	1-1/4	1.484
SFO-24	1-1/2	1.859
SFO-32	2	2.234

STEEL S.A.E. O-RING BOSS ADAPTERS

(BUNA-N O-RING STANDARD)



CONNECTOR
Male O-Ring To
Female Pipe

PART No.	O-Ring	Pipe
S3620-4A	7/16 - 20	1/8
S3620-4B	7/16 - 20	1/4
S3620-5A	1/2 - 20	1/8
S3620-5B	1/2 - 20	1/4
S3620-6A	9/16 - 18	1/8
S3620-6B	9/16 - 18	1/4
S3620-6C	9/16 - 18	3/8
S3620-6D	9/16 - 18	1/2
S3620-8C	3/4 - 16	3/8
S3620-8D	3/4 - 16	1/2
S3620-10C	7/8 - 14	3/8
S3620-10D	7/8 - 14	1/2
S3620-10E	7/8 - 14	3/4
S3620-12D	1-1/16 - 12	1/2
S3620-12E	1-1/16 - 12	3/4
S3620-16D	1-5/16 - 12	1/2
S3620-16E	1-5/16 - 12	3/4
S3620-16H	1-5/16 - 12	1
S3620-20J	1-5/8 - 12	1-1/4



CONNECTOR
MALE O-RING
TO FEMALE
O-RING

PART No.	Male	Female
S3623-4	7/16 - 20	7/16 - 20
S3623-6	9/16 - 18	9/16 - 18
S3623-64	9/16 - 18	7/16 - 20
S3623-68	9/16 - 18	3/4 - 16
S3623-8	3/4 - 16	3/4 - 16
S3623-86	3/4 - 16	9/16 - 18
S3623-810	3/4 - 16	7/8 - 14
S3623-106	7/8 - 14	9/16 - 18
S3623-108	7/8 - 14	3/4 - 16
S3623-1012	7/8 - 14	1-1/16 - 12
S3623-128	1-1/16 - 12	3/4 - 16
S3623-1210	1-1/16 - 12	7/8 - 14
S3623-1612	1-5/16 - 12	1-1/16 - 12
S3623-2016	1-5/8 - 12	1-5/16 - 12
S3623-2416	1-7/8 - 12	1-5/16 - 12



CONNECTOR
(LONG STYLE)
Tube To
Male O-Ring

PART No.	Tube	O-Ring
S3648L-6	3/8	9/16 - 18
S3648L-8	1/2	3/4 - 16



UNION
Male O-Ring To
Male O-Ring

PART No.	O-Ring
S3642-6	9/16 - 18
S3642-8	3/4 - 16
S3642-12	1-1/16 - 12
S3642-16	1-5/16 - 12
S3642-20	1-5/8 - 12



CONNECTOR
Male O-Ring To
Male Pipe

PART No.	O-Ring	Pipe
S3622-4B	7/16 - 20	1/4
S3622-6B	9/16 - 18	1/4
S3622-6C	9/16 - 18	3/8
S3622-6D	9/16 - 18	1/2
S3622-8B	3/4 - 16	1/4
S3622-8C	3/4 - 16	3/8
S3622-8D	3/4 - 16	1/2
S3622-10C	7/8 - 14	3/8
S3622-10D	7/8 - 14	1/2
S3622-12D	1-1/16 - 12	1/2
S3622-12E	1-1/16 - 12	3/4
S3622-16H	1-5/16 - 12	1
S3622-20J	1-5/8 - 12	1-1/4



CONNECTOR
Tube To
Male O-Ring

PART No.	Tube	O-Ring
S3648-4	1/4	7/16 - 20
S3648-42	1/4	5/16 - 24
S3648-45	1/4	1/2 - 20
S3648-46	1/4	9/16 - 18
S3648-48	1/4	3/4 - 16
S3648-6	3/8	9/16 - 18
S3648-64	3/8	7/16 - 20
S3648-65	3/8	1/2 - 20
S3648-68	3/8	3/4 - 16
S3648-610	3/8	7/8 - 14
S3648-612	3/8	1-1/16 - 12
S3648-8	1/2	3/4 - 16
S3648-84	1/2	7/16 - 20
S3648-85	1/2	1/2 - 20
S3648-86	1/2	9/16 - 18
S3648-810	1/2	7/8 - 14
S3648-812	1/2	1-1/16 - 12
S3648-816	1/2	1-5/16 - 12
S3648-10	5/8	7/8 - 14
S3648-108	5/8	3/4 - 16
S3648-1012	5/8	1-1/16 - 12
S3648-12	3/4	1-1/16 - 12
S3648-128	3/4	3/4 - 16
S3648-1210	3/4	7/8 - 14
S3648-1216	3/4	1-5/16 - 12
S3648-1220	3/4	1-5/8 - 12
S3648-16	1	1-5/16 - 12
S3648-1610	1	7/8 - 14
S3648-1612	1	1-1/16 - 12
S3648-1620	1	1-5/8 - 12
S3648-1624	1	1-7/8 - 12
S3648-20	1-1/4	1-5/8 - 12
S3648-2016	1-1/4	1-5/16 - 12
S3648-2024	1-1/4	1-7/8 - 12
S3648-24	1-1/2	1-7/8 - 12
S3648-2420	1-1/2	1-5/8 - 12
S3648-32	2	2-1/2 - 12



PLUG
Counter Sunk
Hex

PART No.	O-Ring
S3618-2	5/16 - 24
S3618-4	7/16 - 20
S3618-5	1/2 - 20
S3618-6	9/16 - 18
S3618-8	3/4 - 16
S3618-10	7/8 - 14
S3618-12	1-1/16 - 12
S3618-16	1-5/16 - 12



CONNECTOR
Female O-Ring
To Male Pipe

PART No.	O-Ring	Pipe
S3622F-4B	7/16 - 20	1/4
S3622F-6B	9/16 - 18	1/4
S3622F-6C	9/16 - 18	3/8
S3622F-6D	9/16 - 18	1/2
S3622F-8D	3/4 - 16	1/2
S3622F-10D	7/8 - 14	1/2
S3622F-12E	1-1/16 - 12	3/4



PLUG
Hex
Head

PART No.	O-Ring
S3621-4	7/16 - 20
S3621-5	1/2 - 20
S3621-6	9/16 - 18
S3621-8	3/4 - 16
S3621-10	7/8 - 14
S3621-12	1-1/16 - 12
S3621-14	1-3/16 - 12
S3621-16	1-5/16 - 12
S3621-20	1-5/8 - 12
S3621-24	1-7/8 - 12
S3621-32	2-1/2 - 12

STEEL S.A.E. O-RING BOSS ADAPTERS

(BUNA-N O-RING STANDARD)



**90° ELBOW
Male O-Ring To
Female Pipe**

PART No.	O-Ring	Pipe
S3616-6B	9/16 - 18	1/4
S3616-8C	3/4 - 16	3/8
S3616-8D	3/4 - 16	1/2
S3616-10D	7/8 - 14	1/2
S3616-12E	1-1/16 - 12	3/4
S3616-16H	1-5/16 - 12	1
S3616-20J	1-5/8 - 12	1-1/4



**90° ELBOW
Tube To
Male O-Ring**

PART No.	Tube	O-Ring
S3649-4	1/4	7/16 - 20
S3649-45	1/4	1/2 - 20
S3649-46	1/4	9/16 - 18
S3649-48	1/4	3/4 - 16
S3649-6	3/8	9/16 - 18
S3649-64	3/8	7/16 - 20
S3649-65	3/8	1/2 - 20
S3649-68	3/8	3/4 - 16
S3649-610	3/8	7/8 - 14
S3649-612	3/8	1-1/16 - 12
S3649-8	1/2	3/4 - 16
S3649-86	1/2	9/16 - 18
S3649-810	1/2	7/8 - 14
S3649-812	1/2	1-1/16 - 12
S3649-10	5/8	7/8 - 14
S3649-108	5/8	3/4 - 16
S3649-1012	5/8	1-1/16 - 12
S3649-12	3/4	1-1/16 - 12
S3649-128	3/4	3/4 - 16
S3649-1210	3/4	7/8 - 14
S3649-1216	3/4	1-5/16 - 12
S3649-1220	3/4	1-5/8 - 12
S3649-16	1	1-5/16 - 12
S3649-1612	1	1-1/16 - 12
S3649-1620	1	1-5/8 - 12
S3649-20	1-1/4	1-5/8 - 12
S3649-2016	1-1/4	1-5/16 - 12
S3649-2024	1-1/4	1-7/8 - 12
S3649-24	1-1/2	1-7/8 - 12
S3649-32	2	2-1/2 - 12



**90° ELBOW
(EXTRA LONG
STYLE)
Tube To
Male O-Ring**

PART No.	Tube	O-Ring
S3649EL-6	3/8	9/16 - 18
S3649EL-8	1/2	3/4 - 16



**90° ELBOW
Male O-Ring To
Male O-Ring**

PART No.	O-Ring
S3655-6	9/16 - 18



**90° ELBOW
Male O-Ring To
Male Pipe**

PART No.	O-Ring	Pipe
S3699-6B	9/16 - 18	1/4
S3699-8C	3/4 - 16	3/8
S3699-8D	3/4 - 16	1/2
S3699-10D	7/8 - 14	1/2
S3699-12E	1-1/16 - 12	3/4
S3699-16H	1-5/16 - 12	1



**45° ELBOW
Tube To
Male O-Ring**

PART No.	Tube	O-Ring
S3654-4	1/4	7/16 - 20
S3654-6	3/8	9/16 - 18
S3654-68	3/8	3/4 - 16
S3654-8	1/2	3/4 - 16
S3654-86	1/2	9/16 - 18
S3654-810	1/2	7/8 - 14
S3654-10	5/8	7/8 - 14
S3654-108	5/8	3/4 - 16
S3654-1012	5/8	1-1/16 - 12
S3654-12	3/4	1-1/16 - 12
S3654-1210	3/4	7/8 - 14
S3654-1216	3/4	1-5/16 - 12
S3654-16	1	1-5/16 - 12
S3654-1612	1	1-1/16 - 12
S3654-1620	1	1-5/8 - 12
S3654-20	1-1/4	1-5/8 - 12



**TEE
Tube To Tube To
Male O-Ring**

PART No.	Tube	O-Ring
S3645-4	1/4	7/16 - 20
S3645-6	3/8	9/16 - 18
S3645-8	1/2	3/4 - 16
S3645-86	1/2	9/16 - 18
S3645-810	1/2	7/8 - 14
S3645-10	5/8	7/8 - 14
S3645-12	3/4	1-1/16 - 12
S3645-16	1	1-5/16 - 12
S3645-20	1-1/4	1-5/8 - 12



**TEE
Tube To
Male O-Ring To
Tube**

PART No.	Tube	O-Ring
S3651-4	1/4	7/16 - 20
S3651-6	3/8	9/16 - 18
S3651-8	1/2	3/4 - 16
S3651-810	1/2	7/8 - 14
S3651-10	5/8	7/8 - 14
S3651-12	3/4	1-1/16 - 12
S3651-16	1	1-5/16 - 12
S3651-20	1-1/4	1-5/8 - 12



**BUNA-N
O-RING**

PART No.	O-Ring	Dia.
S3631R-2	1/8	.239
S3631R-3	3/16	.301
S3631R-4	1/4	.351
S3631R-5	5/16	.414
S3631R-6	3/8	.468
S3631R-8	1/2	.644
S3631R-10	5/8	.755
S3631R-12	3/4	.924
S3631R-14	7/8	1.048
S3631R-16	1	1.171
S3631R-20	1-1/4	1.475
S3631R-24	1-1/2	1.720

STEEL O-RING FACE SEAL ADAPTERS

(BUNA-N O-RING STANDARD)



CONNECTOR
Female O-Ring
Face Seal To
Male O-Ring
Face Seal

PART No.	Female ORFS	Male ORFS
S3935-86	13/16 - 16	11/16 - 16
S3935-1012	1 - 14	1-3/16 - 12
S3935-126	1-3/16 - 12	11/16 - 16
S3935-128	1-3/16 - 12	13/16 - 16
S3935-1210	1-3/16 - 12	1 - 14
S3935-1612	1-7/16 - 12	1-3/16 - 12



CONNECTOR
O-Ring Face Seal
To Male
O-Ring Boss

PART No.	ORFS	O-Ring
S3968-4	9/16 - 18	7/16 - 20
S3968-46	9/16 - 18	9/16 - 18
S3968-6	11/16 - 16	9/16 - 18
S3968-68	11/16 - 16	3/4 - 16
S3968-610	11/16 - 16	7/8 - 14
S3968-8	13/16 - 16	3/4 - 16
S3968-86	13/16 - 16	9/16 - 18
S3968-810	13/16 - 16	7/8 - 14
S3968-10	1 - 14	7/8 - 14
S3968-12	1-3/16 - 12	1-1/16 - 12
S3968-1216	1-3/16 - 12	1-5/16 - 12
S3968-16	1-7/16 - 12	1-5/16 - 12
S3968-1612	1-7/16 - 12	1-1/16 - 12
S3968-20	1-11/16 - 12	1-5/8 - 12
S3968-2016	1-11/16 - 12	1-5/16 - 12



PLUG
O-Ring Face
Seal

PART No.	ORFS
S3958-4	9/16 - 18
S3958-6	11/16 - 16
S3958-8	13/16 - 16
S3958-10	1 - 14
S3958-12	1-3/16 - 12
S3958-16	1-7/16 - 12
S3958-20	1-11/16 - 12
S3958-24	2 - 12



UNION
O-Ring Face
Seal

PART No.	ORFS
S3942-6	1-1/16 - 16
S3942-8	13/16 - 16
S3942-10	1 - 14
S3942-12	1-3/16 - 12
S3942-16	1-7/16 - 12



CONNECTOR
O-Ring Face
Seal To
Male JIC

PART No.	ORFS	Tube
S3937-4	9/16 - 18	1/4
S3937-6	11/16 - 16	3/8
S3937-8	13/16 - 16	1/2
S3937-10	1 - 14	5/8
S3937-12	1-3/16 - 12	3/4
S3937-16	1-7/16 - 12	1



CAP
O-Ring Face
Seal

PART No.	ORFS
S3956-4	9/16 - 18
S3956-6	11/16 - 16
S3956-8	13/16 - 16
S3956-10	1 - 14
S3956-12	1-3/16 - 12
S3956-16	1-7/16 - 12
S3956-20	1-11/16 - 12



CONNECTOR
O-Ring Face Seal
To Male Pipe

PART No.	ORFS	Pipe
S3948-4A	9/16 - 18	1/8
S3948-6B	11/16 - 16	1/4
S3948-6C	11/16 - 16	3/8
S3948-8D	13/16 - 16	1/2
S3948-10D	1 - 14	1/2
S3948-12E	1-3/16 - 12	3/4
S3948-16H	1-7/16 - 12	1



CONNECTOR
Female
O-Ring Face
Seal To
Male JIC

PART No.	Female ORFS	Tube
S3937F-4	9/16 - 18	1/4
S3937F-6	11/16 - 16	3/8
S3937F-8	13/16 - 16	1/2
S3937F-10	1 - 14	5/8
S3937F-12	1-3/16 - 12	3/4
S3937F-16	1-7/16 - 12	1



BULKHEAD
UNION O-Ring
Face Seal

PART No.	ORFS
S3942BH-4	9/16 - 18
S3942BH-6	11/16 - 16

STEEL O-RING FACE SEAL ADAPTERS

(BUNA-N O-RING STANDARD)



**90° ELBOW
Male O-Ring
Face Seal To
Female O-Ring
Face Seal**

PART No.	Male ORFS	Female ORFS
S3947-4	9/16 - 18	9/16 - 18
S3947-6	11/16 - 16	11/16 - 16
S3947-8	13/16 - 16	13/16 - 16
S3947-10	1 - 14	1 - 14
S3947-12	1-3/16 - 12	1-3/16 - 12
S3947-16	1-7/16 - 12	1-7/16 - 12
S3947-20	1-11/16 - 12	1-11/16 - 12



**90° ELBOW
Male O-Ring Face
Seal To Male
O-Ring Boss**

PART No.	Male ORFS	Male O-Ring
S3969-4	9/16 - 18	7/16 - 20
S3969-6	9/16 - 18	9/16 - 18
S3969-6	11/16 - 16	9/16 - 18
S3969-68	11/16 - 16	3/4 - 16
S3969-8	13/16 - 16	3/4 - 16
S3969-86	13/16 - 16	9/16 - 18
S3969-810	13/16 - 16	7/8 - 14
S3969-812	13/16 - 16	1-1/16 - 12
S3969-10	1 - 14	7/8 - 14
S3969-108	1 - 14	3/4 - 16
S3969-12	1-3/16 - 12	1-1/16 - 12
S3969-1210	1-3/16 - 12	7/8 - 14
S3969-16	1-7/16 - 12	1-5/16 - 12
S3969-20	1-11/16 - 12	1-5/8 - 12



**45° ELBOW
O-Ring Face
Seal To Male
O-Ring Boss**

PART No.	ORFS	O-Ring
S3974-4	9/16 - 18	7/16 - 20
S3974-6	11/16 - 16	9/16 - 18
S3974-8	13/16 - 16	3/4 - 16
S3974-10	1 - 14	7/8 - 14



**TEE
Female O-Ring
Face Seal To
Male O-Ring
Face Seal To
Pipe**

PART No.	ORFS	Male Pipe
S3936-4B	9/16 - 18	1/4
S3936-6B	11/16 - 16	1/4
S3936-8B	13/16 - 16	1/4
S3936-12B	1-3/16 - 12	1/4



**TEE
Male To Female
To Male O-Ring
Face Seal**

PART No.	Male ORFS	Female ORFS
S3951F-4	9/16 - 18	9/16 - 18
S3951F-6	11/16 - 16	11/16 - 16
S3951F-8	13/16 - 16	13/16 - 16
S3951F-10	1 - 14	1 - 14
S3951F-12	1-3/16 - 12	1-3/16 - 12
S3951F-16	1-7/16 - 12	1-7/16 - 12



**BUNA-N
O-RING
Face Seal**

PART No.	ORFS	DIA.
S3931R-4	9/16 - 18	.301
S3931R-6	11/16 - 16	.364
S3931R-8	13/16 - 16	.489
S3931R-10	1 - 14	.614
S3931R-12	1-3/16 - 12	.739
S3931R-16	1-7/16 - 12	.926
S3931R-20	1-11/16 - 12	1.176



LOCK NUT

PART No.	ORFS
S3931N-4	9/16 - 18
S3931N-6	11/16 - 16
S3931N-8	13/16 - 16
S3931N-10	1 - 14
S3931N-12	1-3/16 - 12
S3931N-16	1-7/16 - 12

Steel O-Ring Face Seal Fittings (ORFS):

Steel O-ring face seal adapter fittings use a straight thread and have a machined groove in the face of the male fitting to accept an O-ring (of either Buna N or Viton material). This O-ring is compressed against the flat face of the female fitting for a leak proof connection, and offers excellent leak protection at high pressures.

STEEL MERCHANT PIPE FITTINGS (Weldable)



BUSHING

PART No.	Pipe
BI-110MC-CB	3/8 to 1/4
BI-110MC-DB	1/2 to 1/4
BI-110MC-DC	1/2 to 3/8
BI-110MC-EB	3/4 to 1/4
BI-110MC-EC	3/4 to 3/8
BI-110MC-ED	3/4 to 1/2



**PLUG
(Square Head)**

PART No.	Pipe
BI-109MC-A	1/8
BI-109MC-B	1/4
BI-109MC-C	3/8
BI-109MC-D	1/2
BI-109MC-E	3/4
BI-109MC-H	1



COUPLING

PART No.	Pipe
BI-103MC-A	1/8
BI-103MC-B	1/4
BI-103MC-C	3/8
BI-103MC-C-3000 (psi)	3/8
BI-103MC-D	1/2
BI-103MC-E	3/4
BI-103MC-E-3000 (psi)	3/4
BI-103MC-H	1
BI-103MC-J	1-1/4
BI-103MC-K	1-1/2
BI-103MC-M	2
BI-103MC-N	2-1/2
BI-103MC-P	3
BI-103MC-S	4



**COUPLING
(Half Height)**

PART No.	Pipe
BI-103HMC-A	1/8
BI-103HMC-B	1/4
BI-103HMC-C	3/8
BI-103HMC-D	1/2
BI-103HMC-E	3/4
BI-103HMC-H	1
BI-103HMC-J	1-1/4
BI-103HMC-K	1-1/2
BI-103HMC-M	2

STEEL S.A.E. PIPE ADAPTERS



COUPLING
Female Both
Ends

PART No.	Pipe	Pipe
S1003-A	1/8	1/8
S1003-B	1/4	1/4
S1003-BA	1/4	1/8
S1003-C	3/8	3/8
S1003-CA	3/8	1/8
S1003-CB	3/8	1/4
S1003-D	1/2	1/2
S1003-DB	1/2	1/4
S1003-DC	1/2	3/8
S1003-E	3/4	3/4
S1003-ED	3/4	1/2
S1003-H	1	1
S1003-HE	1	3/4
S1003-J	1-1/4	1-1/4
S1003-K	1-1/2	1-1/2
S1003-M	2	2



REDUCER
Female To Male
(Cont.)

PART No.	Female Pipe	Male Pipe
S1020-DC	1/2	3/8
S1020-DD	1/2	1/2
S1020-DE	1/2	3/4
S1020-EB	3/4	1/4
S1020-EC	3/4	3/8
S1020-ED	3/4	1/2
S1020-EE	3/4	3/4
S1020-HD	1	1/2
S1020-HE	1	3/4
S1020-HH	1	1
S1020-JH	1-1/4	1
S1020-KJ	1-1/2	1-1/4



PLUG
COUNTER SUNK
HEX

PART No.	Pipe
S1018-A	1/8
S1018-B	1/4
S1018-C	3/8
S1018-D	1/2
S1018-E	3/4
S1018-H	1
S1018-J	1-1/4
S1018-K	1-1/2
S1018-M	2



BUSHING
Male To
Female

PART No.	Male Pipe	Female Pipe
S1010-BA	1/4	1/8
S1010-CA	3/8	1/8
S1010-CB	3/8	1/4
S1010-DA	1/2	1/8
S1010-DB	1/2	1/4
S1010-DC	1/2	3/8
S1010-EB	3/4	1/4
S1010-EC	3/4	3/8
S1010-ED	3/4	1/2
S1010-HB	1	1/4
S1010-HC	1	3/8
S1010-HD	1	1/2
S1010-HE	1	3/4
S1010-JD	1-1/4	1/2
S1010-JE	1-1/4	3/4
S1010-JH	1-1/4	1
S1010-KD	1-1/2	1/2
S1010-KE	1-1/2	3/4
S1010-KH	1-1/2	1
S1010-KJ	1-1/2	1-1/4
S1010-MH	2	1
S1010-MJ	2	1-1/4
S1010-MK	2	1-1/2



HEX NIPPLE
Male Both
Ends

PART No.	Pipe	Pipe
S1022-A	1/8	1/8
S1022-B	1/4	1/4
S1022-BA	1/4	1/8
S1022-C	3/8	3/8
S1022-CA	3/8	1/8
S1022-CB	3/8	1/4
S1022-D	1/2	1/2
S1022-DB	1/2	1/4
S1022-DC	1/2	3/8
S1022-E	3/4	3/4
S1022-EC	3/4	3/8
S1022-ED	3/4	1/2
S1022-H	1	1
S1022-HD	1	1/2
S1022-HE	1	3/4
S1022-J	1-1/4	1-1/4
S1022-JH	1-1/4	1
S1022-K	1-1/2	1-1/2
S1022-KJ	1-1/2	1-1/4
S1022-M	2	2



PLUG
HEX HEAD

PART No.	Pipe
S1021-A	1/8
S1021-B	1/4
S1021-C	3/8
S1021-D	1/2
S1021-E	3/4
S1021-H	1
S1021-J	1-1/4
S1021-K	1-1/2
S1021-M	2



SHORT NIPPLE

PART No.	Pipe	Length
S1012-A	1/8	3/4
S1012-B	1/4	7/8
S1012-C	3/8	1
S1012-D	1/2	1-1/8
S1012-E	3/4	1-3/8
S1012-H	1	1-1/2



REDUCER
Female To Male

PART No.	Female Pipe	Male Pipe
S1020-AA	1/8	1/8
S1020-BA	1/4	1/8
S1020-BB	1/4	1/4
S1020-BC	1/4	3/8
S1020-CA	3/8	1/8
S1020-CB	3/8	1/4
S1020-CC	3/8	3/8
S1020-CD	3/8	1/2
S1020-DA	1/2	1/8
S1020-DB	1/2	1/4



PLUG
SQUARE
HEAD

PART No.	Pipe
S1009-A	1/8
S1009-B	1/4
S1009-C	3/8
S1009-D	1/2
S1009-E	3/4
S1009-H	1
S1009-K	1-1/2



**LONG
NIPPLE**

PART No.	Pipe	Length
S1013-B1-1/2	1/4	1-1/2
S1013-B2	1/4	2
S1013-B2-1/2	1/4	2-1/2
S1013-B3	1/4	3
S1013-C1-1/2	3/8	1-1/2
S1013-C2	3/8	2
S1013-C3	3/8	3
S1013-C4	3/8	4
S1013-D1-1/2	1/2	1-1/2
S1013-D2	1/2	2
S1013-D3	1/2	3
S1013-D4	1/2	4
S1013-E3	3/4	3
S1013-E4	3/4	4

STEEL S.A.E. PIPE ADAPTERS



**90° ELBOW
Female To
Female**

PART No.	Pipe	Pipe
S1000-A	1/8	1/8
S1000-B	1/4	1/4
S1000-C	3/8	3/8
S1000-CB	3/8	1/4
S1000-D	1/2	1/2
S1000-DC	1/2	3/8
S1000-E	3/4	3/4
S1000-ED	3/4	1/2
S1000-H	1	1
S1000-J	1-1/4	1-1/4
S1000-K	1-1/2	1-1/2
S1000-M	2	2



**90° ELBOW
Male To Female**

PART No.	Male Pipe	Female Pipe
S1016-A	1/8	1/8
S1016-AB	1/8	1/4
S1016-B	1/4	1/4
S1016-BC	1/4	3/8
S1016-C	3/8	3/8
S1016-CB	3/8	1/4
S1016-CD	3/8	1/2
S1016-D	1/2	1/2
S1016-DC	1/2	3/8
S1016-DE	1/2	3/4
S1016-E	3/4	3/4
S1016-ED	3/4	1/2
S1016-H	1	1
S1016-J	1-1/4	1-1/4
S1016-M	2	2



**90° ELBOW
Female To Male
Swivel**

PART No.	Female Pipe	Male Pipe
S1016SW-B	1/4	1/4
S1016SW-C	3/8	3/8
S1016SW-D	1/2	1/2



**90° ELBOW
Male To
Male**

PART No.	Pipe	Pipe
S1099-A	1/8	1/8
S1099-B	1/4	1/4
S1099-C	3/8	3/8
S1099-CB	3/8	1/4
S1099-D	1/2	1/2
S1099-DC	1/2	3/8
S1099-E	3/4	3/4
S1099-ED	3/4	1/2
S1099-H	1	1
S1099-J	1-1/4	1-1/4
S1099-K	1-1/2	1-1/2



**45° ELBOW
Female To
Female**

PART No.	Pipe
S1005-B	1/4
S1005-C	3/8
S1005-D	1/2
S1005-E	3/4
S1005-H	1



**45° ELBOW
Male To
Male**

PART No.	Pipe
S1005M-B	1/4
S1005M-C	3/8
S1005M-D	1/2
S1005M-E	3/4
S1005M-H	1
S1005M-J	1-1/4



**45° ELBOW
Male To
Female**

PART No.	Male Pipe	Female Pipe
S1024-A	1/8	1/8
S1024-B	1/4	1/4
S1024-C	3/8	3/8
S1024-D	1/2	1/2
S1024-E	3/4	3/4
S1024-H	1	1
S1024-J	1-1/4	1-1/4



**TEE
Female
All Ends**

PART No.	Pipe
S1001-A	1/8
S1001-B	1/4
S1001-C	3/8
S1001-D	1/2
S1001-E	3/4
S1001-H	1
S1001-J	1-1/4
S1001-K	1-1/2
S1001-M	2



**TEE
Male To
Female To
Male**

PART No.	Female Pipe	Male Pipe
S1004-B	1/4	1/4
S1004-C	3/8	3/8
S1004-D	1/2	1/2
S1004-E	3/4	3/4
S1004-H	1	1



**TEE
Male
All Ends**

PART No.	Pipe
S1001M-C	3/8
S1001M-E	3/4



**TEE
Female To
Female To
Male**

PART No.	Female Pipe	Male Pipe
S1006-A	1/8	1/8
S1006-B	1/4	1/4
S1006-C	3/8	3/8
S1006-D	1/2	1/2
S1006-E	3/4	3/4
S1006-H	1	1



**TEE
Male To Male
To Female**

PART No.	Male Pipe	Female Pipe
S1006M-B	1/4	1/4
S1006M-C	3/8	3/8
S1006M-D	1/2	1/2
S1006M-E	3/4	3/4
S1006M-H	1	1



**TEE
Female To
Male To
Female**

PART No.	Female Pipe	Male Pipe
S1007-A	1/8	1/8
S1007-B	1/4	1/4
S1007-C	3/8	3/8
S1007-D	1/2	1/2
S1007-E	3/4	3/4
S1007-H	1	1
S1007-J	1-1/4	1-1/4



**CROSS
Female All
Ends**

PART No.	Pipe
S1002-B	1/4
S1002-C	3/8
S1002-D	1/2
S1002-E	3/4
S1002-H	1



**CAP
Female**

PART No.	Pipe
S1008-A	1/8
S1008-B	1/4
S1008-C	3/8
S1008-D	1/2
S1008-E	3/4

STEEL FLARELESS ADAPTERS



TUBE SLEEVE

PART No.	Tube
S6760-4	1/4
S6760-6	3/8
S6760-8	1/2
S6760-10	5/8
S6760-16	1



**CONNECTOR
Tube To
Female Pipe**

PART No.	Tube	Pipe
S6766-4A	1/4	1/8
S6766-4B	1/4	1/4
S6766-6B	3/8	1/4
S6766-6C	3/8	3/8
S6766-8C	1/2	3/8
S6766-10D	5/8	1/2
S6766-12E	3/4	3/4
S6766-16H	1	1



**90° ELBOW
Tube To
Tube**

PART No.	Tube
S6765-4	1/4
S6765-6	3/8
S6765-8	1/2
S6765-12	3/4



TUBE NUT

PART No.	Tube
S6761-4	1/4
S6761-6	3/8
S6761-8	1/2
S6761-10	5/8
S6761-12	3/4
S6761-16	1



**CONNECTOR
Tube To Male
Pipe**

PART No.	Tube	Pipe
S6769-4A	1/4	1/8
S6769-4B	1/4	1/4
S6769-6B	3/8	1/4
S6769-6C	3/8	3/8
S6769-8C	1/2	3/8
S6769-8D	1/2	1/2
S6769-10D	5/8	1/2
S6769-12E	3/4	3/4



**90° ELBOW
Tube To
Male Pipe**



**UNION
Tube To
Tube**

PART No.	Tube
S6762-3	3/16
S6762-4	1/4
S6762-6	3/8
S6762-8	1/2
S6762-10	5/8
S6762-12	3/4
S6762-16	1

PART No.	Tube	Pipe
S6768-4A	1/4	1/8
S6768-4B	1/4	1/4
S6768-6B	3/8	1/4
S6768-6C	3/8	3/8
S6768-8C	1/2	3/8
S6768-8D	1/2	1/2
S6768-10C	5/8	3/8
S6768-10D	5/8	1/2
S6768-12D	3/4	1/2
S6768-12E	3/4	3/4
S6768-16H	1	1



**TEE
Tube
Three Ends**

PART No.	Tube
S6764-4	1/4
S6764-6	3/8
S6764-8	1/2
S6764-10	5/8

O-RING BOSS TO NPSM (BUNA-N O-RING STANDARD)



**CONNECTOR
Male O-Ring To
NPSM Swivel**

PART No.	O-Ring	Swivel
SO1120-4B	7/16 - 20	1/4
SO1120-6B	9/16 - 18	1/4
SO1120-6C	9/16 - 18	3/8
SO1120-6D	9/16 - 18	1/2
SO1120-8B	3/4 - 16	1/4
SO1120-8C	3/4 - 16	3/8
SO1120-8D	3/4 - 16	1/2
SO1120-8E	3/4 - 16	3/4
SO1120-10C	7/8 - 14	3/8
SO1120-10D	7/8 - 14	1/2
SO1120-10E	7/8 - 14	3/4
SO1120-12D	1-1/16 - 12	1/2
SO1120-12E	1-1/16 - 12	3/4
SO1120-16E	1-5/16 - 12	3/4
SO1120-16H	1-5/16 - 12	1



**90° ELBOW
Male O-Ring To
NPSM Swivel**

PART No.	O-Ring	Swivel
SO1116-4B	7/16 - 20	1/4
SO1116-6B	9/16 - 18	1/4
SO1116-6C	9/16 - 18	3/8
SO1116-6D	9/16 - 18	1/2
SO1116-8C	3/4 - 16	3/8
SO1116-8D	3/4 - 16	1/2
SO1116-8E	3/4 - 16	3/4
SO1116-10C	7/8 - 14	3/8
SO1116-10D	7/8 - 14	1/2
SO1116-10E	7/8 - 14	3/4
SO1116-12D	1-1/16 - 12	1/2
SO1116-12E	1-1/16 - 12	3/4
SO1116-16E	1-5/16 - 12	3/4
SO1116-16H	1-5/16 - 12	1
SO1116-20J	1-5/8 - 12	1-1/4



**45° ELBOW
Male O-Ring To
NPSM Swivel**

PART No.	O-Ring	Swivel
SO1124-4B	7/16 - 20	1/4
SO1124-6B	9/16 - 18	1/4
SO1124-6C	9/16 - 18	3/8
SO1124-8C	3/4 - 16	3/8
SO1124-8D	3/4 - 16	1/2
SO1124-10D	7/8 - 14	1/2
SO1124-10E	7/8 - 14	3/4
SO1124-12E	1-1/16 - 12	3/4
SO1124-16H	1-5/16 - 12	1

STEEL S.A.E. SWIVEL NPSM ADAPTERS



CONNECTOR
Female Pipe To
NPSM Swivel

PART No.	Pipe	Swivel
S1103-AA	1/8	1/8
S1103-BB	1/4	1/4
S1103-BC	1/4	3/8
S1103-CB	3/8	1/4
S1103-CC	3/8	3/8
S1103-CD	3/8	1/2
S1103-DC	1/2	3/8
S1103-DD	1/2	1/2
S1103-EE	3/4	3/4
S1103-HE	1	3/4
S1103-HH	1	1
S1103-JJ	1-1/4	1-1/4
S1103-KK	1-1/2	1-1/2
S1103-MM	2	2



CONNECTOR
Male Pipe To
NPSM Swivel

PART No.	Pipe	Swivel
S1120-AA	1/8	1/8
S1120-AB	1/8	1/4
S1120-BA	1/4	1/8
S1120-BB	1/4	1/4
S1120-BC	1/4	3/8
S1120-CB	3/8	1/4
S1120-CC	3/8	3/8
*S1120-CC.000	3/8	3/8
S1120-CD	3/8	1/2
S1120-DB	1/2	1/4
S1120-DC	1/2	3/8
S1120-DD	1/2	1/2
*S1120-DD.000	1/2	1/2
S1120-DE	1/2	3/4
S1120-ED	3/4	1/2
S1120-EE	3/4	3/4
S1120-EH	3/4	1
S1120-HE	1	3/4
S1120-HH	1	1
S1120-HJ	1	1-1/4
S1120-JJ	1-1/4	1-1/4
S1120-KJ	1-1/2	1-1/4
S1120-KK	1-1/2	1-1/2
S1120-MM	2	2



90° ELBOW
Female Pipe To
NPSM Swivel

PART No.	Pipe	Swivel
S1100-AA	1/8	1/8
S1100-BB	1/4	1/4
S1100-CC	3/8	3/8
S1100-DD	1/2	1/2
S1100-EE	3/4	3/4
S1100-HH	1	1



90° ELBOW
Male Pipe To
NPSM Swivel

PART No.	Pipe	Swivel
S1116-AA	1/8	1/8
S1116-AB	1/8	1/4
S1116-BB	1/4	1/4
S1116-BC	1/4	3/8
S1116-CB	3/8	1/4
S1116-CC	3/8	3/8
S1116-CD	3/8	1/2
S1116-DC	1/2	3/8
S1116-DD	1/2	1/2
S1116-ED	3/4	1/2
S1116-EE	3/4	3/4
S1116-EH	3/4	1
S1116-HE	1	3/4
S1116-HH	1	1
S1116-HJ	1	1-1/4
S1116-JH	1-1/4	1
S1116-JJ	1-1/4	1-1/4
S1116-KK	1-1/2	1-1/2
S1116-MM	2	2



**90° ELBOW
(LONG STYLE)**
Male Pipe To
NPSM Swivel

PART No.	Pipe	Swivel
S1116L-CC	3/8	3/8
S1116L-DD	1/2	1/2

* When ordering restricted flow adapters suffix part number with required restriction hole size.
(example: S1120-BB.040)



45° ELBOW
Male Pipe To
NPSM Swivel

PART No.	Pipe	Swivel
S1124-AA	1/8	1/8
S1124-BB	1/4	1/4
S1124-CC	3/8	3/8
S1124-CD	3/8	1/2
S1124-DC	1/2	3/8
S1124-DD	1/2	1/2
S1124-EE	3/4	3/4
S1124-HE	1	3/4
S1124-HH	1	1
S1124-JJ	1-1/4	1-1/4
S1124-KK	1-1/2	1-1/2



45° ELBOW
Female Pipe To
NPSM Swivel

PART No.	Pipe	Swivel
S1105-CC	3/8	3/8
S1105-DD	1/2	1/2
S1105-EE	3/4	3/4
S1105-HH	1	1



TEE
NPSM Swivel To
NPSM Swivel To
Female Pipe

PART No.	Pipe	Swivel
S1101-BB	1/4	1/4
S1101-CC	3/8	3/8
S1101-DD	1/2	1/2



TEE
NPSM Swivel To
NPSM Swivel To
Male Pipe

PART No.	Pipe	Swivel
S1106-BB	1/4	1/4
S1106-CC	3/8	3/8
S1106-DD	1/2	1/2
S1106-EE	3/4	3/4



TEE
NPSM Swivel
All Ends

PART No.	Swivel
S1111-B	1/4
S1111-C	3/8
S1111-D	1/2
S1111-E	3/4



STAINLESS STEEL BRAIDED PTFE HOSE

(MEDIUM PRESSURE SMOOTH BORE)



S.A.E. 100R14

• TYPICAL USES INCLUDE

Pneumatic, hot oil lines, steam lines, food processing, paint spray, compressor discharge, gases, chemical lines, steering lines, brake lines, high pressure hydraulic lines.

PTFE hose can solve almost all "problem" applications. It is suitable for use with steam, solvents, fuels, hydraulic fluids, most chemicals and acids. Vibration absorption, extra long shelf life, high temperature and pressure ranges, make PTFE hose the most versatile hose in the industry today.

- **CONSTRUCTION:** Braided Outer Cover
- **TUBE:** PTFE Inner Tube
- **COVER:** Stainless Steel (TYPE 304)
- **TEMPERATURE:** -65°F to + 450°F, -54°C to +232°C
- **PACKAGING:** Bulk Coils - Random Lengths
- **FITTINGS:** SCT400 One Piece Crimp Page 82
SR400 Reusable End Page 83

PART No.	Nominal I.D.	Actual I.D. (IN.)	Hose O.D. (IN.)	Working Pressure (P.S.I.)	Min. Burst Pressure (P.S.I.)	Min. Bend Radius (IN.)
HT-4	1/4	3/16	.30	3000	12000	1.50
HT-5	5/16	1/4	.38	3000	12000	2.00
HT-6	3/8	5/16	.44	2500	10000	3.50
HT-8	1/2	13/32	.54	2000	8000	4.50
HT-10	5/8	1/2	.63	1750	7000	5.00
HT-12	3/4	5/8	.76	1500	6000	6.00
HT-16	1	7/8	1.03	1000	4000	9.00
HT-20	1-1/4	1-1/8	1.29	750	3000	16.00

NOTE: WORKING PRESSURE RATED AT +70°F, +21°C. ANY AMBIENT OR INTERNAL INCREASE IN TEMPERATURE WILL LOWER THE WORKING PRESSURE.

HOW TO ORDER CUSTOM FACTORY MADE PTFE HOSE ASSEMBLIES (STAINLESS STEEL BRAIDED COVER - BRASS ENDS)

AIR BRAKE
COMPRESSION



STRAIGHT
TUBE

Note: When ordering elbow on assemblies please note measurements are measured from the center of elbow to opposite end of assembly.

SAMPLE HOSE ASSEMBLY PART NUMBER

HOSE END FITTING CODE

END SIZE CODE

HOSE CODE → HT
HOSE SIZE → 6
TYPE CODE → C
OVERALL LENGTH (IN.) → 120
HOSE END CODE 1 → AC
SIZE CODE 1 → 10
HOSE END CODE 2 → ST
SIZE CODE 2 → 10

AC	AIRBRAKE COMPRESSION	<u>SIZE</u> 1/4"	<u>CODE</u> 4
FJ	FEMALE SWIVEL 37° (J.I.C.) FLARE	5/16"	5
FS	FEMALE SWIVEL 45° (S.A.E.) FLARE	3/8"	6
MI	MALE INVERTED FLARE SWIVEL	1/2"	8
MP	MALE PIPE	5/8"	10
ST	STRAIGHT TUBE	3/4"	12
J5	45° ELBOW SWIVEL 37° (J.I.C.) FLARE	1"	16
J9	90° ELBOW SWIVEL 37° (J.I.C.) FLARE		

STEEL REUSABLE HOSE ENDS



ONE PIECE CRIMP ENDS FOR PTFE HOSE

FOR USE WITH S.A.E. 100R14 SMOOTH BORE PTFE HOSE
ALL WETTED PARTS ARE BRASS.



Male
Pipe

PART No.	Nominal Hose I.D.	Pipe
SCT425-4A	1/4	1/8
SCT425-4B	1/4	1/4
SCT425-6C	3/8	3/8
SCT425-8D	1/2	1/2
SCT425-10D	5/8	1/2
SCT425-12E	3/4	3/4



S.A.E. 37°
Female
Flare
(Swivel)

PART No.	Nominal Hose I.D.	Tube
SCT438-44	1/4	1/4
SCT438-66	3/8	3/8
SCT438-88	1/2	1/2
SCT438-1010	5/8	5/8
SCT438-1212	3/4	3/4

REUSABLE END FITTINGS FOR PTFE HOSE



FOR USE WITH S.A.E. 100R14 SMOOTH BORE PTFE HOSE (Page 110)
ALL WETTED PARTS ARE BRASS



Male Pipe

PART No.	Nominal Hose I.D.	Pipe
SR425-4A	1/4	1/8
SR425-4B	1/4	1/4
SR425-6B	3/8	1/4
SR425-6C	3/8	3/8
SR425-8D	1/2	1/2
SR425-10D	5/8	1/2
SR425-12E	3/4	3/4
SR425-16H	1	1



**Female
Swivel
37° J.I.C.
Flare**

PART No.	Nominal Hose I.D.	Tube
SR438-44	1/4	1/4
SR438-55	5/16	5/16
SR438-66	3/8	3/8
SR438-88	1/2	1/2
SR438-1010	5/8	5/8
SR438-1212	3/4	3/4
SR438-1616	1	1



**45° ELBOW
S.A.E. 37°
Female Flare
(Swivel)**

PART No.	Nominal Hose I.D.	Tube
SR440-55	5/16	5/16
SR440-88	1/2	1/2



**Female
Swivel
45° S.A.E.
Flare**

PART No.	Nominal Hose I.D.	Tube
SR428-44	1/4	1/4
SR428-55	5/16	5/16
SR428-66	3/8	3/8
SR428-88	1/2	1/2
SR428-1010	5/8	5/8
SR428-1212	3/4	3/4



**Straight
Tube**

Used in conjunction with an 1161 nut & 1160 sleeve.

PART No.	Nominal Hose I.D.	Tube
SR462-1010	5/8	5/8
SR462-1212	3/4	3/4



**D.O.T.
Air Brake
Compression**

PART No.	Nominal Hose I.D.	Tube
SR468-1010	5/8	5/8



**Replacement
Sleeve**

PART No.	Nominal Hose I.D.
SR4S-4	1/4
SR4S-6	3/8
SR4S-8	1/2
SR4S-10	5/8
SR4S-12	3/4
SR4S-16	1



**D.O.T.
Air Brake
Sleeve**

PART No.	Tube
1160-10	5/8
1160-12	3/4

For use with metal "Straight Tube".

**STAINLESS STEEL AVAILABLE
UPON REQUEST (SSR4 Series •)**



**90° ELBOW
S.A.E. 37°
Female Flare
(Swivel)**

PART No.	Nominal Hose I.D.	Tube
SR439-44	1/4	1/4
SR439-66	3/8	3/8
SR439-88	1/2	1/2

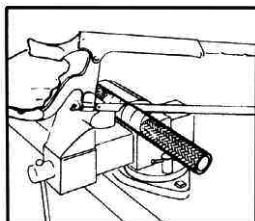


**D.O.T.
Air Brake
Nut**

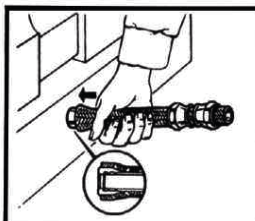
PART No.	Tube
1161-10	5/8
1161-12	3/4

For use with metal "Straight Tube".

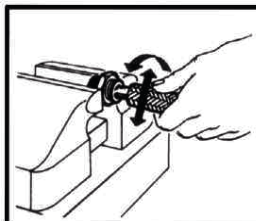
PTFE REUSABLE FITTINGS ASSEMBLY INSTRUCTIONS



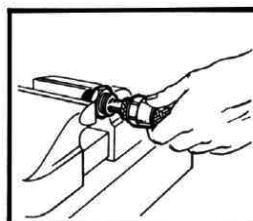
Step 1
Wrap masking tape around hose at desired length and cut square with fine-tooth hack saw. Trim any loose wires and slip two shells on back to back, placing them about 3" from each end of hose.



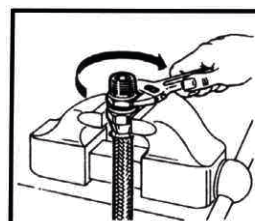
Step 2
Use a flat surface to push the sleeve over the tube underneath the wire until the tube stock butts against the inside shoulder of the sleeve.



Step 3
Mount stem hex in vise. Work the hose bore over the stem to size tube.



Step 4
Lubricate stem and shell threads. Push hose onto stem with twisting motion until hose seats against stem chamfer. Push shell forward and hand start threading.



Step 5
Wrench tighten stem until clearance with shell is 1/32" or less. Clean, inspect and test.

