



techhose

QUALITY CONNECTIONS

Hydraulics

Pneumatics
& Vacuum

Industrial

Compressed Air
& Ring Main

Process &
Instrumentation

Hydraulics

Hydraulic Seals & Caps

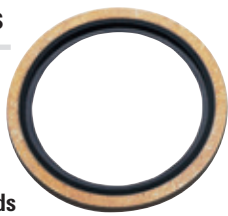
HYDRAULIC SEALS



Self Centering Bonded Seals
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Washers
Bonded Seals
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SAE Flange Seals
ORFS Seal Kit
CAT Flange Seals
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HYDRAULIC SEALS

Self Centering Bonded Seals



Mild Steel, Nitrile,
to suit BSPP Threads

1005	To Suit
BS-18	1/8"
BS-14	1/4"
BS-38	3/8"
BS-12	1/2"
BS-34	3/4"
BS-1	1"
BS-114	1.1/4"
BS-112	1.1/2"
BS-2	2"

Tech Sheet 10513

Mild Steel, Viton, to suit BSPP Threads

1005	To Suit
BSV-18	1/8"
BSV-14	1/4"
BSV-38	3/8"
BSV-12	1/2"
BSV-58	5/8"
BSV-34	3/4"
BSV-1	1"
BSV-114	1.1/4"
BSV-112	1.1/2"
BSV-2	2"

Tech Sheet 10513

316 Stainless Steel, Nitrile

1005	To Suit
BS-18N	1/8"
BS-14N	1/4"
BS-38N	3/8"
BS-12N	1/2"
BS-34N	3/4"
BS-1N	1"
BS-114N	1.1/4"
BS-112N	1.1/2"
BS-2N	2"

Tech Sheet 10513

316 Stainless Steel, Viton

1005	To Suit
BS-14V	1/4"
BS-38V	3/8"
BS-12V	1/2"
BS-34V	3/4"
BS-1V	1"
BS-112V	1.1/2"

Tech Sheet 10513

Mild Steel, Nitrile, to suit Metric Threads

1005	To Suit
BS-M8	M8
BS-M10	M10
BS-M12	M12
BS-M14	M14
BS-M16	M16
BS-M18	M18
BS-M22	M22

Standard Bonded Seals (Not Self Centering)



Mild Steel, Nitrile,
to suit JIC/UNF Thread Form

1005	To Suit
BS-14JIC	1/4"
BS-516JIC	5/16"
BS-716JIC	7/16"
BS-12JIC	1/2"
BS-916JIC	9/16"
BS-58JIC	5/8"
BS-1116JIC	11/16"
BS-34JIC	3/4"
BS-1516JIC	15/16"
BS-1-116JIC	1.1/16"
BS-1-18JIC	1.1/8"
BS-1-14JIC	1.1/4"

Tech Sheet 10513

Mild Steel, Nitrile,
to suit JIC/UNF Thread Form

1005	To Suit
BS-6BA	6BA
BS-4BA	4BA
BS-2BA	2BA

Fibre Washers



1005	To Suit
FW5M	M5
FW18	1/8"
FW14	1/4"
FW38	3/8"
FW12	1/2"
FW34	3/4"
FW1	1"
FW114	1.1/4"
FW112	1.1/2"
FW2	2"

Tech Sheet 20357

Washers



Flat Copper Washer,
Metric

1300	BSPP Male Thread	OD ID x Thickness
CWM8	M8	11 x 8 x 0.9
CWM10	M10	16 x 10 x 1
CWM12	M12	16 x 12 x 1
CWM14	M14	18 x 14 x 1
CWM16	M16	20 x 16 x 1.5
CWM18	M18	24 x 18 x 1.5
CWM22	M22	27 x 22 x 1.75



Copper Washers for
BSPP Stud Ends

1300	Male Thread	Female Thread
CW18	1/8"	3/8"
CW14	1/4"	1/2"
CW38	3/8"	3/4"
CW12	1/2"	7/8"
CW34	3/4"	-
CW1	1"	-
CW114	1.1/4"	-
CW112	1.1/2"	-
CW2	2"	-

Tech Sheet 20358



Nylon, Notched

1030	Thread
D11X-5M	M5
D11X-1/8	1/8"
D11X-1/4	1/4"
D11X-3/8	3/8"
D11X-1/2	1/2"
D11X-3/4	3/4"

Tech Sheet 10705

Bonded Seals



Stainless Steel, Nitrile,
to suit Metric Threads

1005	To Suit
SSBSM04N	M4
SSBSM06N	M6
SSBSM08N	M8
SSBSM10N	M10
SSBSM12N	M12
SSBSM14N	M14
SSBSM16N	M16
SSBSM20N	M20

HYDRAULIC SEALS

O-Rings

Imperial O-Rings, Nitrile 70 Shore, Per Pack of 100

1005	ID	Wall Thickness Imperial
ORING-BS006N	1/8"	0.07
ORING-BS007N	5/32"	0.07
ORING-BS008N	3/16"	0.07
ORING-BS009N	7/32"	0.07
ORING-BS010N	1/4"	0.07
ORING-BS011N	5/16"	0.07
ORING-BS012N	3/8"	0.07
ORING-BS110N	3/8"	0.103
ORING-BS111N	7/16"	0.103
ORING-BS112N	1/2"	0.103
ORING-BS113N	9/16"	0.103
ORING-BS114N	5/8"	0.103
ORING-BS115N	11/16"	0.103
ORING-BS116N	3/4"	0.103
ORING-BS210N	3/4"	0.139
ORING-BS211N	13/16"	0.139
ORING-BS212N	7/8"	0.139
ORING-BS213N	15/16"	0.139
ORING-BS214N	1"	0.139
ORING-BS215N	1.1/16"	0.139
ORING-BS216N	1.1/8"	0.139
ORING-BS217N	1.3/16"	0.139
ORING-BS218N	1.1/4"	0.139
ORING-BS219N	1.5/16"	0.139
ORING-BS220N	1.3/8"	0.139
ORING-BS221N	1.7/16"	0.139
ORING-BS222N	1.1/2"	0.139
ORING-BS325N	1.1/2"	0.21
ORING-BS326N	1.5/8"	0.21
ORING-BS327N	1.3/4"	0.21

Imperial O-Rings, Viton 75 Shore, Per Pack of 100

1005	ID	Wall Thickness Imperial
ORING-BS006V	1/8"	0.07
ORING-BS008V	3/16"	0.07
ORING-BS009V	7/32"	0.07
ORING-BS010V	1/4"	0.07
ORING-BS011V	5/16"	0.07
ORING-BS012V	3/8"	0.07
ORING-BS110V	3/8"	0.103
ORING-BS112V	1/2"	0.103
ORING-BS116V	3/4"	0.103
ORING-BS211V	13/16"	0.139
ORING-BS212V	7/8"	0.139
ORING-BS218V	1.1/4"	0.139
ORING-BS221V	1.7/16"	0.139

Metric O-Rings, Nitrile 70 Shore, Per Pack of 100

1005	ID mm	Wall Thickness mm
M-3X2	3	2
M-4X2	4	2
M-5X2	5	2
M-6X2	6	2
M-7X2	7	2
M-8X2	8	2
M-10X2	10	2
M-10X2.5	10	2.5
M-11X2.5	11	2.5
M-12X2.5	12	2.5
M-14X2.5	14	2.5
M-16X2.5	16	2.5
M-17X2.5	17	2.5
M-19X2.5	19	2.5
M-19X3	19	3
M-20X3	20	3
M-22X3	22	3
M-24X3	24	3
M-25X3	25	3
M-27X3	27	3
M-28X3	28	3
M-30X3	30	3
M-32X3	32	3
M-33X3	33	3
M-35X3	35	3
M-36X3	36	3
M-38X3	38	3
M-38X4	38	4
M-41X4	41	4
M-44X4	44	4



Flaretube



Flaretube 304 Stainless Steel, JIC 37°

0266	JIC Thread
FF13267	7/16"
FF13268	9/16"
FF13269	3/4"
FF13270	7/8"
FF13271	1.1/16"
FF13272	1.5/16"
FF13273	1.5/8"
FF13570	1.7/8"
FF13571	2.1/2"

Tech Sheet 20353

The Flaretube Seal is a metal stamping, designed with multiple, concentric sealing rings.

The entire seal is coated with a **dry-to-the-touch**, baked-on Loctite™ sealant. When inserted into a fitting, the concentric rings form multiple seals down the face of the flare, while the Loctite™ coating fills minor imperfections, dramatically increasing the integrity of the fitting. New ISO and NFPA standards strongly recommend seals for all fittings.

- Fits all standard JIC/SAE/JIS flare fittings, hydraulic and pneumatic
- Has a **user-friendly tab** to clip the seal onto the fitting
- **Protects against weeping** on new and damaged fittings
- Creates a perfect **leak-free clip-on seal, guaranteed**
- Complies with latest international standards

Other seals available on request.

Working Temperature:
-40°C to +150°C

For JIC Adaptors
see pages 72-80



Flaretube Seal Installed

HYDRAULIC SEALS

SAE Flange Seals

Designed to fit the SAE J518 location grooves. Made from high performance grade of polyurethane, the material provides excellent resistance-to-gap extrusion. Covers a wide temperature range from -40°C to +110°C at pressures up to 400 bar.

- Contents:**
- 10 x 1/2"
 - 10 x 3/4"
 - 10 x 1"
 - 10 x 1.1/4"
 - 10 x 1.1/2"
 - 10 x 2"



1005	No. of Parts	Type
SAE-KIT01	60	SAE Flange
Tech Sheet 68214		

ORFS Seal Kit

O-Ring face seal kit to suit ORFS male fittings

- Material:** Nitrile
- Contents:**
- 50 x 9/16"
 - 50 x 11/16"
 - 30 x 13/16"
 - 30 x 1"
 - 30 x 1.3/16"
 - 20 x 1.7/16"
 - 20 x 1.11/16"



1005	No. of Parts	Type
ORFS-KIT01	230	ORFS
Tech Sheet 68215		

Seal Kits



Assorted Bonded Seals

1005	No. of Parts	Type
BSK-1	140	Imperial
BSK-2	140	Metric
Tech Sheet 20372		

CAT Flange Seals

CAT D-Rings provide a high pressure seal between flange and port face on C T hose assemblies. Can be used in conjunction with CAT XT-5 and XT-6 type flanges.

- Material:** Nitrile
- Contents:**
- 10 x 3/4"
 - 10 x 1"
 - 10 x 1.1/4"
 - 10 x 1.1/2"
 - 10 x 2"



1005	No. of Parts	Type
CAT-KIT01	50	CAT Flange
Tech Sheet 68216		

Splicing Kit

Ideal for repairing or replacing damaged O-Ring seals.

- Material:** Nitrile
- Contents:**
- 14 x standard sizes of O-Ring cord
 - 1 x tape measure
 - 1 x cutting block (for butt or scarf joins)
 - 1 x cutting knife
 - 1 x tube glue

- Rubber Cord:**
- 2 metres of each size: 1.78, 2, 2.4, 2.62, 3, 3.53, 4, 4.5, 5, 5.33, 5.7, 6, 7 and 8mm.



O-Ring Splicing Kit

1005	No. of Parts	Type
SPLICING-KIT01		
Tech Sheet 68213		

PLASTIC CAPS & PLUGS

SR 1077 Threaded Fitting Plugs

- Knurled head for easy application
- Ideal for sealing 37° flare fittin



Red LDPE, UNF Thread

0307	Thread
110228	5/16"
110177	3/8"
110178	7/16"
110179	1/2"
110180	9/16"
110181	5/8"
110182	3/4"
110183	7/8"
110184	1.1/16"

SR 1002 Threaded Protection Plugs

- Easy to grip head
- Thread ensures secure fi
- Excellent protection from dirt, moisture and corrosion
- Widely used in hydraulic, pneumatic and general engineering industries



Red LDPE, UNF/JIC Thread

0307	Thread
10692	3/8"
10763	7/16"
10696	1/2"
10668	9/16"
10940	5/8"
10575	3/4"
12827	13/16"
10326	7/8"
12785	1"
10460	1.1/16"
11506	1.3/16"
10671	1.5/16"
11752	1.5/8"
11755	1.7/8"

Red LDPE, Metric Thread

0307	Thread
12011	M8 x 1
12012	M10 x 1
12013	M12 x 1
12017	M12 x 1.5
12018	M14 x 1.5
12019	M16 x 1.5
10458	M18 x 1.5
12020	M20 x 1.5
10128	M22 x 1.5
12021	M24 x 1.5
12022	M25 x 1.5
12023	M26 x 1.5

Red LDPE, BSP/Gas

0307	Thread
10651	1/8" x 28
10588	1/4" x 19
10996	3/8" x 19
10590	1/2" x 14
10511	5/8" x 14
10731	3/4" x 14
10810	1" x 11
10459	1.1/4" x 11
11242	1.1/2" x 11

SR 1018 Threaded Protection Caps

- Used throughout the automotive, fluid power and engineering industries
- Protect threaded components from dust, moisture and damage



Red LDPE, UNF/JIC Thread

0307	Thread
10251	3/8"
12652	7/16"
10332	7/16"
10528	1/2"
11041	9/16"
10653	5/18"
12847	3/4"
11089	7/8"
12075	7/8"
12826	1"
10685	1.1/16"
10163	1.3/16"
10151	1.5/16"

Red LDPE, Metric Thread

0307	Thread
12100	M8 x 1
12101	M10 x 1
12102	M12 x 1
12103	M12 x 1.5
12104	M14 x 1.5
12650	M14 x 1.5
12105	M16 x 1.5
12106	M18 x 1.5
12107	M20 x 1.5
12845	M22 x 1.5
12109	M24 x 1.5
12110	M25 x 1.5
12967	M28 x 1.5
12122	M30 x 2
12123	M36 x 2
12124	M42 x 2
12126	M52 x 2

Red LDPE, BSP/Gas

0307	Thread
10392	1/8" x 28
10559	1/4" x 19
10104	3/8" x 19
10198	1/2" x 14
11157	5/8" x 14
10205	3/4" x 14
10204	1" x 11
10167	1.1/4" x 11
10432	1.1/2" x 11
10968	2" x 11



For Hydraulic Adaptors
see pages 52-108

PLASTIC CAPS & PLUGS

SR 1000 Tapered Caps/Plugs

- Use as cap or plug
- Easy fitting and removal
- Provide excellent protection from damage, dirt, moisture and corrosion during storage and transport



Red LDPE

0307	To Suit Hose ID	To Suit Hose OD
10991	6.1	4.4
10727	7.6	6.2
10549	9.1	7.7
10289	10	8.4
10750	11.8	10
10114	12.3	10.9
10438	15.3	13.6
10342	16	14.2
10424	17	14.7
11139	18.3	16.4
10394	20	17.8
10136	26.4	23.4
10732	27.7	24.7
10272	32.6	30
10181	37.2	33.3
10491	40.6	36.9
10485	42.7	39.6



SR 1125 O-Ring Threaded Plugs

- Can be applied by spanner, screwdriver or socket; manually or with power tool



Yellow HDPE, Metric Thread

0307	Thread
467087	M8 x 1
467088	M10 x 1
467089	M12 x 1
467090	M10 x 1.5
467091	M12 x 1.5
467092	M14 x 1.5
467093	M16 x 1.5
467094	M18 x 1.5
467095	M20 x 1.5
467096	M22 x 1.5

Yellow HDPE, UNF Thread

0307	Thread
467114	3/8" x 24
467115	7/16" x 20
467116	1/2" x 20
467117	9/16" x 18
467118	5/8" x 18
467119	3/4" x 16
467120	7/8" x 14
467121	1" x 14

Yellow HDPE, BSP Thread

0307	Thread
467127	1/8" x 28
467128	1/4" x 19
467129	3/8" x 19
467130	1/2" x 14
467131	5/8" x 14
467133	7/8" x 14
467134	1" x 11