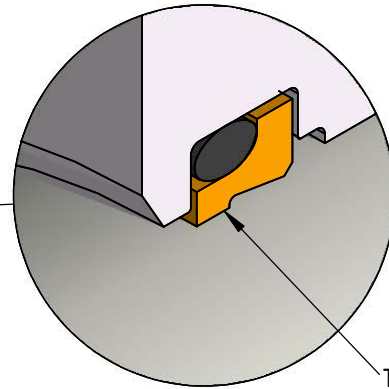
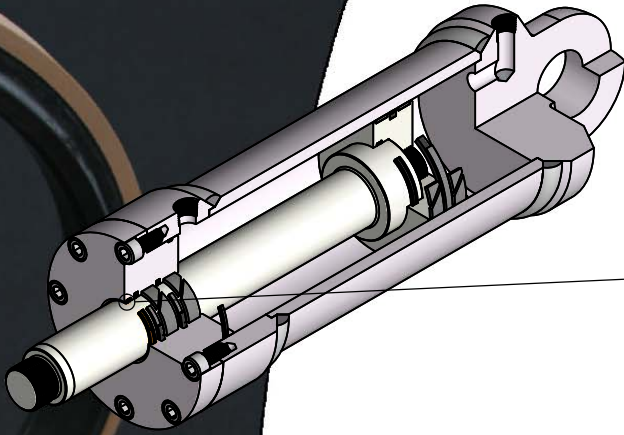




T-LON® "REI" Wiper

Description:

The REI rod wiper seal is a proven dual-acting reliable scraper ring preventing outside contamination (dirt, sand, shavings, dust, ect.) from entering the system. It also aids in removing the residual oil film on the rod from the system from entering the environment.

The REI wiper is a filled T-LON® PTFE compound with an o-ring elastomer energizer designed for reciprocating applications. The filled PTFE seal ring is manufactured with an interference fit with the rod and optimum compression with the o-ring energizer. The dual-acting scraper design must be assembled with the o-ring facing the environment for proper scraper function. The optimized profile removes the fluid film during rod extension and removes environmental contamination during rod retraction.

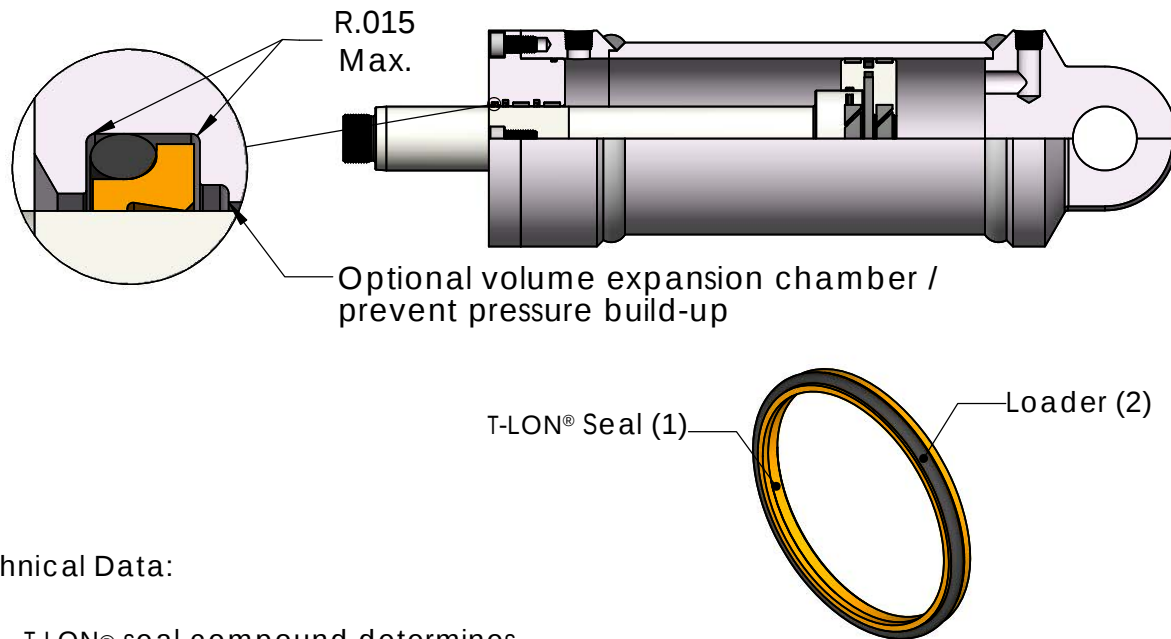
Advantages:

- Low seal drag/friction (Minimize energy loss)
- No Stick-slip (Smooth Operation)
- Long seal life from T-LON® filled PTFE compounds
- Wide temperature range and chemical compatibility (dependent on o-ring elastomer)
- Available for rods up to 44" diameter

Applications:

- Industrial Hydraulic Cylinders
- Mobile Hydraulic Cylinders
- Pneumatic Cylinders
- Valve stem seals





Technical Data:

- (1) T-LON® seal compound determines allowable velocity range and scrape-ability
- Velocity: Up to 13 ft/s

Most Common:

BRONZE FILLED PTFE ("22")

- Highest hardness and extrusion-resistance for aggressive contamination

Mineral/MoS2 FILLED PTFE ("41")

- Excellent all-purpose material with good wear resistance, low friction, and low abrasive characteristics
- More chemical resistant and used in dry-running applications

- (2) Loader compound determines temperature and chemical compatibility

Most Common:

NBR SHORE 70 A ("P")

- Working Temp. Range -30°F to 230°F (250°F intermittent)
- Commonly used with greases, aliphatic hydrocarbon mineral and vegetable oils, and various hydraulic fluids

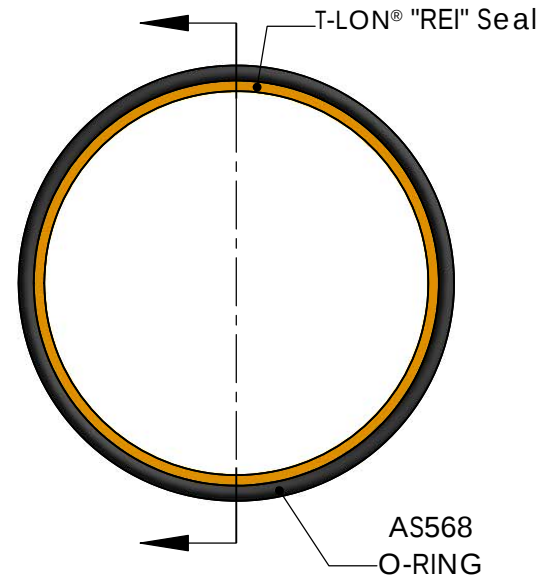
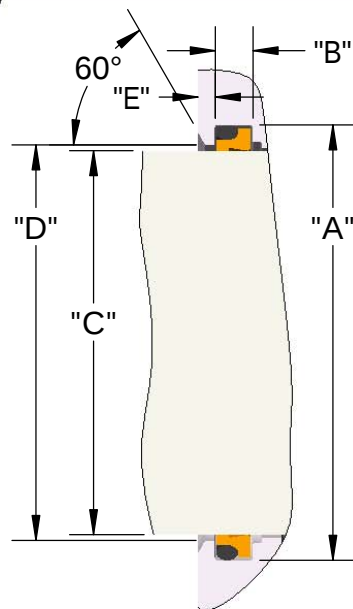
EPDM SHORE 70 A ("E")

- Working Temp. Range -50°F to 300°F (400°F steam intermittent)
- Commonly used with water, steam, water/ silicone/ glycol based fluids, and app's affected by ozone and weathering.

ORDERING INFORMATION

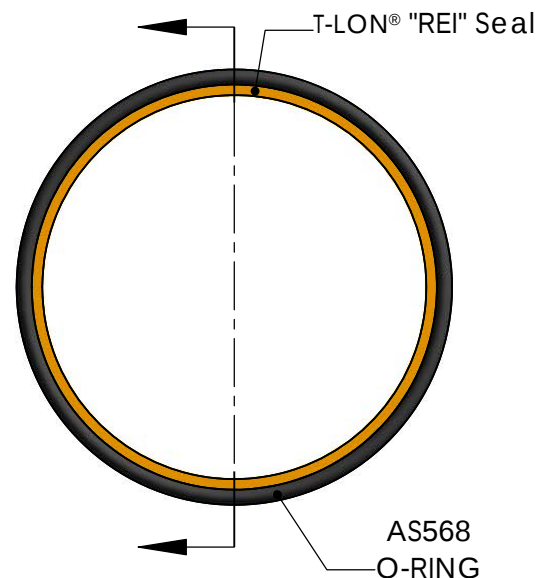
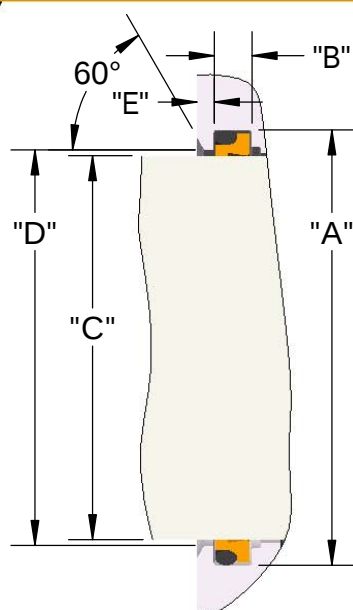
REI - _____ - _____ - _____ - _____

R O D Ø	L O A D E R S	T L O N M A T E R I A L	P A C K A G I N G	L O A D E R M A T E R I A L
"0100" = 1.00" "1050" = 10.50"				OMIT IF NO LOADERS REQ'D "P" = STANDARD NBR 70A "E" = EPDM 70A
"1" = 100 SERIES AS568A (3/32") "3" = 300 SERIES AS568A (3/16")				OMIT IF NO LOADERS REQ'D "B" = BULK PACKAGE COMPONENTS "I" = INDIVIDUALLY PACKAGE SEALS
		"22" = 60% BRONZE PTFE "41" = MINERAL MoS2 PTFE		



T-LON® "REI" Series Rod Wiper Sizes (More Available Upon Request)
Groove dimensions for "REI" Series per ISO/DIN 6195, Type D

Size	Rod Dia (C)		Groove Dimensions			Step Dimensions			O-ring No.
			Dia. (A)		Width (B)	Dia. (D)		Width (E)	
0025-0	0.250		0.439			0.310			-011
0038-0	0.375	+ .000	0.564	+ .003	0.150	0.435	+ .006	.080	-013
0050-0	0.500	- .002	0.689	- .000	± .004	0.560	- .000	min	-015
0063-0	0.625		0.814			0.685			-017
0050-1	0.500		0.768			0.560			-113
0075-1	0.750		1.018			0.810			-117
0100-1	1.000		1.268			1.060			-121
0125-1	1.250	+ .000	1.518	+ .003	0.201	1.310	+ .006	.080	-125
0150-1	1.500	- .002	1.768	- .000	± .004	1.560	- .000	min	-129
0175-1	1.750		2.018			1.810			-133
0200-1	2.000		2.268			2.060			-137
0225-1	2.250		2.518			2.310			-141
0250-1	2.500		2.768			2.560			-145
0200-2	2.000		2.346			2.060			-227
0225-2	2.250		2.596			2.310			-229
0250-2	2.500		2.846			2.560			-231
0275-2	2.750		3.096			2.810			-233
0300-2	3.000		3.346			3.060			-235
0325-2	3.250		3.596			3.310			-237
0350-2	3.500	+ .000	3.846	+ .004	0.240	3.560	+ .008	.120	-239
0375-2	3.750	- .003	4.096	- .000	± .004	3.810	- .000	min	-241
0400-2	4.000		4.346			4.060			-243
0450-2	4.500		4.846			4.560			-247
0500-2	5.000		5.346			5.060			-251
0550-2	5.500		5.846			5.560			-255
0600-2	6.000		6.346			6.060			-258
0650-2	6.500		6.846			6.560			-260



T-LON® "REI" Series Rod Wiper Sizes (More Available Upon Request)
Groove dimensions for "REI" Series per ISO/DIN 6195, Type D

Size	Rod Dia (C)		Groove Dimensions			Step Dimensions			O-ring No.
			Dia. (A)		Width (B)	Dia. (D)		Width (E)	
0700-2	7.000		7.346			7.060			-262
0750-2	7.500		7.846			7.560			-264
0800-2	8.000		8.346			8.060			-266
0850-2	8.500	+.000 -.004	8.846	+.005 -.000	0.240 ±.004	8.560	+.010 -.000	.120 min	-268
0900-2	9.000		9.346			9.060			-270
0950-2	9.500		9.846			9.560			-272
1000-2	10.000		10.346			10.060			-274
1000-3	10.000		10.480			10.080			-377
1050-3	10.500		10.980			10.580			-378
1100-3	11.000		11.480			11.080			-379
1150-3	11.500		11.980			11.580			-380
1200-3	12.000		12.480			12.080			-381
1250-3	12.500		12.980			12.580			-381
1300-3	13.000	+.000 -.005	13.480	+.006 -.000	0.335 ±.004	13.080	+.015 -.000	.160 min	-382
1350-3	13.500		13.980			13.580			-382
1400-3	14.000		14.480			14.080			-383
1450-3	14.500		14.980			14.580			-383
1500-3	15.000		15.480			15.080			-384
1550-3	15.500		15.980			15.580			-384
1600-3	16.000		16.480			16.080			-385
1650-3	16.500		16.980			16.580			-385
1700-4	17.000		17.630			17.080			-463
1750-4	17.500		18.130			17.580			-464
1800-4	18.000	+.000 -.006	18.630	+.007 -.000	0.437 ±.004	18.080	+.015 -.000	.160 min	-465
1850-4	18.500		19.130			18.580			-466
1900-4	19.000		19.630			19.080			-467
1950-4	19.500		20.130			19.580			-468