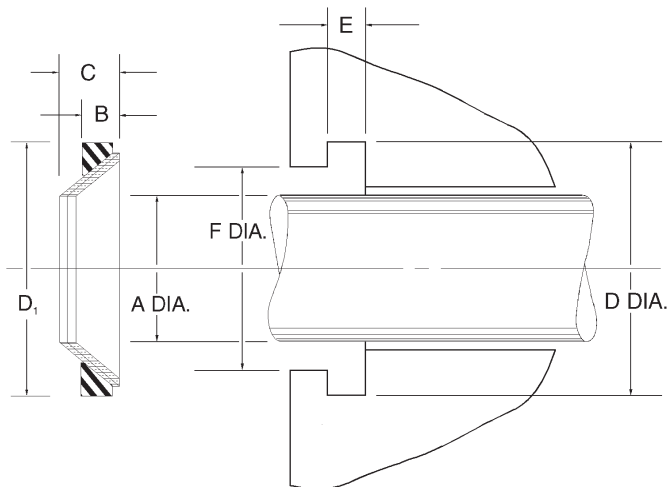


# Seal-guard® Wipers



For heavy-duty protection against hard contaminants such as ice, mud, or metal spattering, the self-adjusting Seal-Guard “scraper” is an ideal exclusion ring. Seal-Guard consists of two knife-like bronze rings and a synthetic rubber cushion ring of nitrile. To eliminate the clogging and caking of contaminants under the ring, the conically tapered bronze rings act as blades to remove and dispose of foreign matter away from the rod and ring. The notches in the bronze rings provide flexibility, allow for expansion, and produce a spring effect resulting in constant contact with the rod, full circle. When compressed, the cushion ring preloads the wiper rings for wiper edge contact with the rod and it absorbs shock and side loads; therefore, it's self-adjusting.

To install the Seal-guard wiper, cut a groove in the gland, install the bronze rings, staggering the notches. Then using a dull tool and a light film of oil, push the cushion ring into the counterbore under the retaining ring.

Temperature: -40° to 250°F.

Seal Guard Wipers / Scrapers

Part No.	Wiper Dimensions (in.)				Groove Dimensions (in.)			Price
	Rod Dia. A	Outside Dia. D <sub>1</sub>	B Base Height	C Total Length	D	E	F	
					+0.006 -0.000	+0.003 -0.001	+0.010 -0.000	
S34-8	0.250	1/2	1/8	3/16	0.500	.125	0.470	\$ 13.86
S34-9	0.312	9/16	1/8	3/16	0.562	.125	0.532	\$ 13.37
S34-10	0.375	5/8	1/8	3/16	0.625	.125	0.595	\$ 12.57
S34-12	0.500	3/4	1/8	3/16	0.750	.125	0.720	\$ 12.23
S34-13	0.562	13/16	1/8	3/16	0.812	.125	0.782	\$ 11.59
S34-14	0.625	7/8	1/8	3/16	0.875	.125	0.845	\$ 11.59
3435-.750	0.750	1	1/8	3/16	1.000	.125	0.970	\$ 12.18
S34-16	0.750	1-1/8	3/16	9/32	1.126	.188	1.082	\$ 12.23
3436-.812	0.812	1-1/16	3/16	9/32	1.188	.188	1.144	\$ 12.57
S34-18	0.875	1-1/4	3/16	9/32	1.251	.188	1.207	\$ 12.57
S34-19	0.937	1-5/16	3/16	9/32	1.313	.188	1.269	\$ 13.37
3435-1	1.000	1-1/4	1/8	3/16	1.250	.125	1.220	\$ 13.37
S34-20	1.000	1-3/8	3/16	9/32	1.376	.188	1.332	\$ 13.37
S34-21	1.062	1-7/16	3/16	9/32	1.438	.188	1.394	\$ 13.86
S34-22	1.125	1-1/2	3/16	9/32	1.501	.188	1.457	\$ 14.33
S34-24	1.250	1-5/8	3/16	9/32	1.626	.188	1.582	\$ 16.25
S34-26	1.375	1-3/4	3/16	9/32	1.751	.188	1.707	\$ 16.73
S34-27	1.500	1-7/8	3/16	9/32	1.876	.188	1.832	\$ 19.01
S34-28	1.625	2	3/16	9/32	2.000	.188	1.957	\$ 21.63
S34-29	1.750	2-1/8	3/16	9/32	2.126	.188	2.082	\$ 23.81
S34-30	1.875	2-1/4	3/16	9/32	2.251	.188	2.207	\$ 25.99
3436-1.937	1.937	2-5/16	3/16	9/32	2.313	.188	2.269	\$ 28.31
3436-2	2.000	2-3/8	3/16	9/32	2.376	.188	2.332	\$ 28.31
S34-31	2.000	2-1/2	1/4	3/8	2.500	.250	2.440	\$ 28.31
S34-32	2.125	2-5/8	1/4	3/8	2.625	.250	2.565	\$ 31.93

Part No.	Wiper Dimensions (in.)				Groove Dimensions (in.)			Price
	Rod Dia. A	Outside Dia. D <sub>1</sub>	B Base Height	C Total Length	D	E	F	
					+0.006 -0.000	+0.003 -0.001	+0.010 -0.000	
S34-33	2.250	2-3/4	1/4	3/8	2.750	.250	2.690	\$ 35.25
S34-34	2.375	2-7/8	1/4	3/8	2.875	.250	2.815	\$ 38.81
3436-2.500	2.500	2-7/8	3/16	9/32	2.876	.188	2.832	\$ 41.14
S34-35	2.500	3	1/4	3/8	3.000	.250	2.940	\$ 41.14
S34-38	2.750	3-1/4	1/4	3/8	3.250	.250	3.190	\$ 48.81
S34-40	3.000	3-1/2	1/4	3/8	3.500	.250	3.440	\$ 56.49
S34-42	3.250	3-3/4	1/4	3/8	3.750	.250	3.690	\$ 71.73
S34-44	3.500	4	1/4	3/8	4.000	.250	3.940	\$ 83.36
S34-49	4.000	4-1/2	1/4	3/8	4.500	.250	4.440	\$ 100.74
S34-50	4.250	4-3/4	1/4	3/8	4.750	.250	4.690	\$ 148.29
S34-51	4.500	5-1/4	3/8	9/16	5.250	.375	5.160	\$ 199.57
S34-52	4.750	5-1/2	3/8	9/16	5.500	.375	5.410	\$ 231.82
S34-53	5.000	5-3/4	3/8	9/16	5.750	.375	5.660	\$ 275.71
S34-54	5.250	6	3/8	9/16	6.000	.375	5.910	\$ 297.65
S34-55	5.500	6-1/4	3/8	9/16	6.250	.375	6.160	\$ 319.59
S34-57	5.750	6-1/2	3/8	9/16	6.500	.375	6.410	\$ 341.53
S34-58	6.000	6-3/4	3/8	9/16	6.750	.375	6.660	\$ 363.47
S34-59	6.250	7	3/8	9/16	7.000	.375	6.910	\$ 384.94
S34-60	6.500	7-1/4	3/8	9/16	7.250	.375	7.160	\$ 406.40
S34-61	6.750	7-1/2	3/8	9/16	7.500	.375	7.410	\$ 427.87
S34-62	7.000	7-3/4	3/8	9/16	7.750	.375	7.660	\$ 449.42
S34-63	7.250	8	3/8	9/16	8.000	.375	7.910	\$ 470.80
S34-64	7.500	8-1/4	3/8	9/16	8.250	.375	8.160	\$ 492.26
S34-65	7.750	8-1/2	3/8	9/16	8.500	.375	8.410	\$ 514.79
S34-66	8.000	8-3/4	3/8	9/16	8.750	.375	8.660	\$ 535.19

*Also available in Viton!*