



2270 SERIES SCRAPER

Double-acting PTFE Scraper

FOR NONSTANDARD GLANDS

The 2270 series is an O-ring-energized, double-acting PTFE scraper, adapted for nonstandard glands. The 2270 scraper is a low friction, bidirectional design with ingress control that can be used as a secondary seal. An inboard vent is available upon request for reduced pressure trapping when used as a secondary seal.

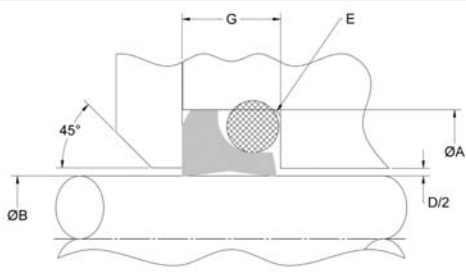
FEATURES & BENEFITS

- Excellent wear resistance resulting in extended service life
- Maximum exclusion capabilities for elimination of contamination ingress
- Virtually eliminates rod wear and rolling and twisting, resulting in extended service life

2270 SCRAPER CONFIGURATION

Gland Dimensions

2270 Gland

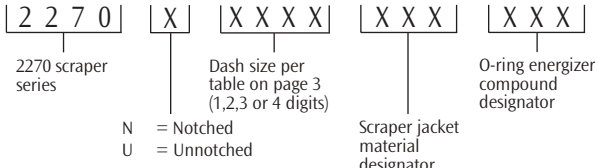


2270 Series Scraper

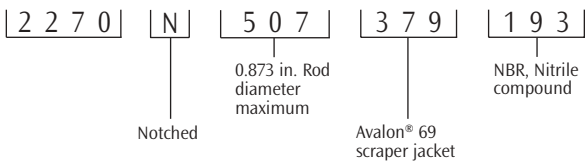


2270 SERIES SCRAPER PART NUMBERING SYSTEM

The part numbering system requires the use of the material designator tables found in the next column. For nonstandard designs contact GT engineering.



Part numbering example



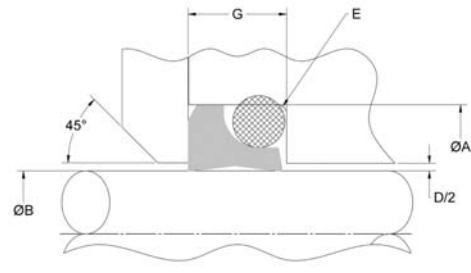
Contact your local Greene, Tweed representative for specific recommendations to suit higher performance requirements.

Material Designator Tables

CODE	SCRAPER JACKET
043	Avalon 07
019	Avalon 09
344	Avalon 44
357	Avalon 57
379	Avalon 69
389	Avalon 89

CODE	O-RING ENERGIZER
165	NBR, Nitrile
193	NBR, Nitrile
735	FKM, Fluorocarbon
757	FKM, Fluorocarbon
963	EPDM, Ethylene Propylene

For Reference: 2270 Gland



DIMENSIONAL INFORMATION—2270 SERIES (IN INCHES)

DASH NO.	Ø B	Ø A
	+0.000	+0.002
	-0.001	-0.000
1/4	0.248	0.436
5/16	0.310	0.498
3/8	0.373	0.561
7/16	0.435	0.623
	+0.000	+0.002
	-0.002	-0.000
01	0.498	0.766
501		0.686
02	0.560	0.828
502		0.748
03	0.623	0.891
503		0.811
04	0.685	0.953
504		0.873
05	0.748	1.016
505		0.936
705	0.748	1.096
06		1.078
506	0.810	0.998
706		1.158
07	0.873	1.141
507		1.061
707	0.873	1.221
08		1.203
508	0.935	1.123
708		1.283
09	0.998	1.266
509		1.186
709	0.998	1.346
10		1.328
510	1.060	1.248
710		1.408
11	1.123	1.391
511		1.311
711	1.123	1.471
12		1.453
512	1.185	1.373
712		1.533
13	1.248	1.516
513		1.436
713	1.248	1.596
14		1.578
514	1.310	1.498
714		1.658
15	1.373	1.641
515		1.561
715	1.373	1.721
16		1.703
516	1.435	1.623
716		1.783

DASH NO.	Ø B	Ø A
	+0.000	+0.002
	-0.002	-0.000
17	1.498	1.766
517		1.686
717	1.498	1.846
18		1.891
518	1.623	1.811
718		1.971
19	1.748	2.016
519		1.936
719	1.748	2.096
20		2.141
520	1.873	2.061
720		2.221
21	1.998	2.266
521		2.186
721	1.998	2.346
22		2.391
522	2.123	2.311
722		2.471
23	2.248	2.516
523		2.436
723	2.248	2.596
24		2.641
524	2.373	2.561
724		2.721
25	2.498	2.766
525		2.686
725	2.498	2.846
26		2.971
626	2.623	2.891
27		3.096
627	2.748	3.016
28		3.221
628	2.873	3.141
29		3.345
629	2.997	3.265
30		3.470
630	3.122	3.390
31		3.595
631	3.247	3.515
32		3.720
632	3.372	3.640
33		3.845
633	3.497	3.765
34		3.970
634	3.622	3.890
35		4.095
635	3.747	4.015
36		4.220
636	3.872	4.140
37		4.345
637	3.997	4.265
38		4.470
638	4.122	4.390

DASH NO.	Ø B	Ø A
	+0.000	+0.002
	-0.002	-0.000
39	4.247	4.595
639		4.515
40	4.372	4.720
640		4.640
	+0.000	+0.003
	-0.003	-0.000
41	4.497	4.845
641		4.765
42	4.622	4.970
642		4.890
43	4.747	5.095
643		5.015
44	4.872	5.220
644		5.140
45	4.997	5.345
645		5.265
46	5.122	5.470
646		5.390
47	5.247	5.595
647		5.515
48	5.372	5.720
648		5.640
49	5.497	5.845
649		5.765
50	5.622	5.970
650		5.890
51	5.747	6.095
651		6.015
52	5.872	6.220
652		6.140
53	5.997	6.345
653		6.265
54	6.247	6.595
654		6.515
55	6.497	6.845
655		6.765
56	6.747	7.095
656		7.015
57	6.997	7.345
657		7.265
58	7.247	7.595
658		7.515
59	7.497	7.845
659		7.765
60	7.747	8.095
660		8.015
	+0.000	+0.005
	-0.003	-0.000
61	7.997	8.345
661		8.265
62	8.497	8.845
662		8.765

DASH NO.	Ø B	Ø A
	+0.000	+0.005
	-0.003	-0.000
63	8.997	9.345
663		9.265
64	9.497	9.845
664		9.765
65	9.997	10.345
665		10.265
66	10.497	10.845
67	10.997	11.345
68	11.497	11.845
69	11.997	12.345
70	12.497	12.845
71	12.997	13.345

DASH NO.	G GROOVE WIDTH	E RAD.	D DIA. CLEARANCE
	+0.005		MAX.
	-0.000		
1/4 – 7/16	0.144	0.005/ 0.015	0.042
501 – 525	0.144		
01 – 25	0.195		
626 – 665	0.195		
26 – 71	0.240		
705 – 725	0.240		



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