



PGKD 400 – installation preparation with lubricant PGM



PGKD 400 – tightening of segments



PGKD 400 with one segment not tightened – installation error immediately detected



PGKD 400 – fully installed, all viewing window indicators are filled with yellow

PGKD

Modular Seal with visual installation indicator

FEATURES AND TECHNICAL DATA:


- Integrated, visual installation control – no torque wrench required
- No retightening required
- Nuts molded into the pressure plates – no loose parts
- Gastight and watertight up to 72.50 PSI (5 bar)
- All metal parts made of high quality stainless steel V4A (AISI 316L)
- Available in EPDM or NBR rubber

MODULAR SEAL PGKD, EPDM


RING GAP inch (mm)		CARRIER PIPE OD inch (mm)		INSTALLATION DEPTH inch (mm)	CATALOG NUMBER	PRODUCT EXAMPLE
from	to	from	to			
0.728 (18.5 mm)	0.906 (23 mm)	2.894 (73.5 mm)	9.843 (250 mm)	3.937 (100 mm)	PGKD-300-EPDM-XX	
0.915 (23.25 mm)	1.024 (26 mm)	2.374 (60.3 mm)	12.402 (315 mm)	3.937 (100 mm)	PGKD-315-EPDM-XX	
0.945 (24 mm)	1.181 (30 mm)	7.000 (177.8 mm)	27.992 (711 mm)	4.331 (110 mm)	PGKD-325-EPDM-XX	
1.437 (36.5 mm)	1.693 (43 mm)	8.031 (204 mm)	48.031 (1220 mm)	5.906 (150 mm)	PGKD-400-EPDM-XX	
1.142 (29 mm)	1.378 (36 mm)	8.031 (204 mm)	48.031 (1220 mm)	4.921 (125 mm)	PGKD-425-EPDM-XX	
1.772 (45 mm)	2.047 (52 mm)	8.031 (204 mm)	48.031 (1220 mm)	5.906 (150 mm)	PGKD-440-EPDM-XX	
1.626 (41.3 mm)	1.909 (48.5 mm)	4.500 (114.3 mm)	48.031 (1220 mm)	5.906 (150 mm)	PGKD-475-EPDM-XX	
2.441 (62 mm)	2.815 (71.5 mm)	7.626 (193.7 mm)	48.031 (1220 mm)	6.496 (165 mm)	PGKD-500-EPDM-XX	
2.283 (58 mm)	2.500 (63.5 mm)	7.626 (193.7 mm)	48.031 (1220 mm)	6.496 (165 mm)	PGKD-525-EPDM-XX	
1.969 (50 mm)	2.283 (58 mm)	8.031 (204 mm)	48.031 (1220 mm)	6.496 (165 mm)	PGKD-575-EPDM-XX	
3.543 (90 mm)	3.858 (100 mm)	12.752 (323.9 mm)	118.110 (3000 mm)	8.071 (205 mm)	PGKD-615-EPDM-XX	
3.031 (77 mm)	3.307 (84 mm)	9.626 (244.5 mm)	78.740 (2000 mm)	6.496 (165 mm)	PGKD-650-EPDM-XX	

X = number of links

*The complete catalog number is derived from the number of links needed to seal the annular space

MODULAR SEAL PGKD, NBR						
RING GAP inch (mm)		CARRIER PIPE OD inch (mm)		INSTALLATION DEPTH inch (mm)	CATALOG NUMBER	PRODUCT EXAMPLE
from	to	from	to			
0.768 (19.5 mm)	0.886 (22.5 mm)	2.894 (73.5 mm)	9.843 (250 mm)	3.937 (100 mm)	PGKD-300-NBR-XX	
0.915 (23.25 mm)	1.024 (26 mm)	2.374 (60.3 mm)	12.402 (315 mm)	3.937 (100 mm)	PGKD-315-NBR-XX	
0.945 (24 mm)	1.181 (30 mm)	7.000 (177.8 mm)	27.992 (711 mm)	4.331 (110 mm)	PGKD-325-NBR-XX	
1.437 (36.5 mm)	1.693 (43 mm)	8.031 (204 mm)	48.031 (1220 mm)	5.906 (150 mm)	PGKD-400-NBR-XX	
1.142 (29 mm)	1.378 (35 mm)	8.031 (204 mm)	48.031 (1220 mm)	4.921 (125 mm)	PGKD-425-NBR-XX	
1.772 (45 mm)	2.047 (52 mm)	8.031 (204 mm)	48.031 (1220 mm)	5.906 (150 mm)	PGKD-440-NBR-XX	
1.626 (41.3 mm)	1.909 (48.5 mm)	4.500 (114.3 mm)	48.031 (1220 mm)	5.906 (150 mm)	PGKD-475-NBR-XX	
2.441 (62 mm)	2.815 (71.5 mm)	7.626 (193.7 mm)	48.031 (1220 mm)	6.496 (165 mm)	PGKD-500-NBR-XX	
2.283 (58 mm)	2.500 (63.5 mm)	7.626 (193.7 mm)	48.031 (1220 mm)	6.496 (165 mm)	PGKD-525-NBR-XX	
1.969 (50 mm)	2.283 (58 mm)	8.031 (204 mm)	48.031 (1220 mm)	6.496 (165 mm)	PGKD-575-NBR-XX	
3.543 (90 mm)	3.858 (98 mm)	12.752 (323.9 mm)	118.110 (3000 mm)	8.071 (205 mm)	PGKD-615-NBR-XX	
3.031 (77 mm)	3.307 (84 mm)	9.626 (244.5 mm)	78.740 (2000 mm)	6.496 (165 mm)	PGKD-650-NBR-XX	

X = number of links
 *The complete catalog number is derived from the number of links needed to seal the annular space

MODULAR SEAL PGKD, NBR		
ITEM	CATALOG NUMBER	PRODUCT EXAMPLE
Lubricant stick PGM, included (up to 10 links – 1 x lubricant stick from 11 links – 2 x lubricant sticks)	PGM	

To obtain the product that suits your requirements, use the product configurator at www.polywater.com



MODULAR SEAL PGKD – SELECTION TABLE

WALL OPENING ID inch (mm)	CARRIER PIPE OD inch (mm)	NUMBER OF SEGMENTS	TYPE PGKD	MINIMUM INSTALLATION DEPTH inch (mm)
3.937 (100 mm)	2.283 - 2.480 (58 - 63 mm)	6	300	3.937 (100 mm)
4.921 (125 mm)	2.874 - 3.071 (73 - 78 mm)	8	315	3.937 (100 mm)
	3.110 - 3.465 (79 - 88 mm)	8	300	3.937 (100 mm)
5.906 (150 mm)	3.858 - 4.055 (98 - 103 mm)	10	315	3.937 (100 mm)
	4.094 - 4.449 (104 - 113 mm)	10	300	3.937 (100 mm)
7.874 (200 mm)	4.252 - 4.606 (108 - 117 mm)	7	475	5.906 (150 mm)
	5.827 - 5.984 (148 - 152 mm)	14	315	3.937 (100 mm)
	6.024 - 6.024 (153 - 153 mm)	15	315	3.937 (100 mm)
	6.063 - 6.299 (154 - 160 mm)	13	300	3.937 (100 mm)
	6.339 - 6.417 (161 - 163 mm)	14	300	3.937 (100 mm)
9.843 (250 mm)	6.024 - 6.535 (153 - 166 mm)	9	475	5.906 (150 mm)
	6.575 - 6.575 (167 - 167 mm)	10	475	5.906 (150 mm)
	6.654 - 6.969 (169 - 177 mm)	7	400	5.906 (150 mm)
	7.008 - 7.441 (178 - 189 mm)	7	425	4.921 (125 mm)
	7.480 - 7.953 (190 - 202 mm)	9	325	4.331 (110 mm)
	7.992 - 7.992 (203 - 203 mm)	19	315	3.937 (100 mm)
	8.031 - 8.386 (204 - 213 mm)	17	300	3.937 (100 mm)

MODULAR SEAL PGKD – SELECTION TABLE

WALL OPENING ID inch (mm)	CARRIER PIPE OD inch (mm)	NUMBER OF SEGMENTS	TYPE PGKD	MINIMUM INSTALLATION DEPTH inch (mm)
11.811 (300 mm)	6.181 - 6.575 (157 - 167 mm)	7	500	6.496 (165 mm)
	6.614 - 6.929 (168 - 176 mm)	8	500	6.496 (165 mm)
	7.008 - 7.244 (178 - 184 mm)	8	525	6.496 (165 mm)
	7.283 - 7.677 (185 - 195 mm)	10	575	6.496 (165 mm)
	7.717 - 7.992 (196 - 203 mm)	8	440	5.906 (150 mm)
	7.992 - 7.992 (203 - 203 mm)	11	475	5.906 (150 mm)
	8.031 - 8.189 (204 - 208 mm)	8	440	5.906 (150 mm)
	8.031 - 8.543 (204 - 217 mm)	12	475	5.906 (150 mm)
	8.583 - 8.937 (218 - 227 mm)	9	400	5.906 (150 mm)
	8.976 - 9.528 (228 - 242 mm)	9	425	4.921 (125 mm)
	9.567 - 9.921 (243 - 252 mm)	11	325	4.331 (110 mm)
	9.961 - 9.961 (253 - 253 mm)	23	315	3.937 (100 mm)
	10.000 - 10.354 (254 - 263 mm)	21	300	3.937 (100 mm)
13.780 (350 mm)	8.150 - 8.740 (207 - 222 mm)	9	500	6.496 (165 mm)
	8.780 - 9.213 (223 - 234 mm)	9	525	6.496 (165 mm)
	9.252 - 9.646 (235 - 245 mm)	12	575	6.496 (165 mm)
	9.685 - 9.921 (246 - 252 mm)	9	440	5.906 (150 mm)

MODULAR SEAL PGKD – SELECTION TABLE

WALL OPENING ID inch (mm)	CARRIER PIPE OD inch (mm)	NUMBER OF SEGMENTS	TYPE PGKD	MINIMUM INSTALLATION DEPTH inch (mm)
13.780 (350 mm)	9.961 - 10.236 (253 - 260 mm)	10	440	5.906 (150 mm)
	10.276 - 10.472 (261 - 266 mm)	14	475	5.906 (150 mm)
	10.394 - 10.906 (264 - 277 mm)	10	400	5.906 (150 mm)
	10.945 - 11.496 (278 - 292 mm)	11	425	4.921 (125 mm)
	11.535 - 11.890 (293 - 302 mm)	13	325	4.331 (110 mm)
	11.929 - 11.929 (303 - 303 mm)	27	315	3.937 (100 mm)
	11.969 - 12.323 (304 - 313 mm)	25	300	3.937 (100 mm)
15.748 (400 mm)	10.118 - 10.866 (257 - 276 mm)	11	500	6.496 (165 mm)
	10.906 - 11.181 (277 - 284 mm)	11	525	6.496 (165 mm)
	11.220 - 11.614 (285 - 295 mm)	14	575	6.496 (165 mm)
	11.654 - 12.205 (296 - 310 mm)	11	440	5.906 (150 mm)
	12.244 - 12.323 (311 - 313 mm)	16	475	5.906 (150 mm)
	12.362 - 12.953 (314 - 329 mm)	12	400	5.906 (150 mm)
	12.992 - 13.425 (330 - 341 mm)	12	425	4.921 (125 mm)
	13.465 - 13.465 (342 - 342 mm)	13	425	4.921 (125 mm)
	13.504 - 13.858 (343 - 352 mm)	15	325	4.331 (110 mm)
	13.898 - 13.898 (353 - 353 mm)	31	315	3.937 (100 mm)
	13.937 - 14.173 (354 - 360 mm)	28	300	3.937 (100 mm)

MODULAR SEAL PGKD – SELECTION TABLE

WALL OPENING ID inch (mm)	CARRIER PIPE OD inch (mm)	NUMBER OF SEGMENTS	TYPE PGKD	MINIMUM INSTALLATION DEPTH inch (mm)
17.717 (450 mm)	12.087 - 12.835 (307 - 326 mm)	12	500	6.496 (165 mm)
	12.874 - 13.071 (327 - 332mm)	12	525	6.496 (165 mm)
	13.110 - 13.150 (333 - 334 mm)	13	525	6.496 (165 mm)
	13.150 -13.583 (334 - 345 mm)	16	575	6.496 (165 mm)
	13.622 - 14.173 (346 - 360 mm)	13	440	5.906 (150 mm)
	14.213 - 14.449 (361 - 367 mm)	19	475	5.906 (150 mm)
	14.331 - 14.843 (364 - 377 mm)	14	400	5.906 (150 mm)
	14.882 - 15.433 (378 - 392 mm)	14	425	4.921 (125 mm)
	15.354 - 15.827 (390 - 402 mm)	17	325	4.331 (110 mm)
	15.669 - 15.866 (398 - 403 mm)	35	315	3.937 (100 mm)
	15.906 - 16.260 (404 - 413 mm)	32	300	3.937 (100 mm)
19.685 (500 mm)	13.071 - 13.622 (332 - 346 mm)	13	650	6.496 (165 mm)
	14.055 - 14.803 (357 - 376 mm)	14	500	6.496 (165 mm)
	14.724 - 15.118 (374 - 384 mm)	14	525	6.496 (165 mm)
	15.118 - 15.118 (384 - 384 mm)	17	575	6.496 (165 mm)
	15.157 - 15.748 (385 - 400 mm)	18	575	6.496 (165 mm)
	15.591 - 16.142 (396 - 410 mm)	14	440	5.906 (150 mm)
	15.866 - 16.417 (403 - 417 mm)	21	475	5.906 (150 mm)

MODULAR SEAL PGKD – SELECTION TABLE

WALL OPENING ID inch (mm)	CARRIER PIPE OD inch (mm)	NUMBER OF SEGMENTS	TYPE PGKD	MINIMUM INSTALLATION DEPTH inch (mm)
19.685 (500 mm)	16.299 - 16.811 (414 - 427 mm)	15	400	5.906 (150 mm)
	16.850 - 17.402 (428 - 442 mm)	16	425	4.921 (125 mm)
	17.323 - 17.795 (440 - 452 mm)	19	325	4.331 (110 mm)
	17.638 - 17.835 (448 - 453 mm)	39	315	3.937 (100 mm)
	17.874 - 18.228 (454 - 463 mm)	36	300	3.937 (100 mm)
	13.780 - 14.567 (350 - 370 mm)	9	615	8.071 (205 mm)
21.654 (550 mm)	15.039 - 15.591 (382 - 396 mm)	15	650	6.496 (165 mm)
	16.024 - 16.417 (407 - 417 mm)	15	500	5.906 (150 mm)
	16.457 - 16.772 (418 - 426 mm)	16	500	5.906 (150 mm)
	16.654 - 17.087 (423 - 434 mm)	16	525	6.496 (165 mm)
	17.087 - 17.126 (434 - 435 mm)	19	575	6.496 (165 mm)
	17.165 - 17.717 (436 - 450 mm)	20	575	6.496 (165 mm)
	17.559 - 18.110 (446 - 460 mm)	16	440	5.906 (150 mm)
	17.835 - 18.386 (453 - 467 mm)	23	475	5.906 (150 mm)
	18.268 - 18.780 (464 - 477 mm)	17	400	5.906 (150 mm)
	18.819 - 19.213 (478 - 488 mm)	17	425	4.921 (125 mm)
	19.252 - 19.370 (489 - 492 mm)	18	425	4.921 (125 mm)
	19.291 - 19.764 (490 - 502 mm)	21	325	4.331 (110 mm)

MODULAR SEAL PGKD – SELECTION TABLE

WALL OPENING ID inch (mm)	CARRIER PIPE OD inch (mm)	NUMBER OF SEGMENTS	TYPE PGKD	MINIMUM INSTALLATION DEPTH inch (mm)
23.622 (600 mm)	15.748 - 16.535 (400 - 420 mm)	10	615	8.071 (205 mm)
	17.008 - 17.559 (432 - 446 mm)	16	650	6.496 (165 mm)
	17.992 - 18.740 (457 - 476mm)	17	500	6.496 (165 mm)
	18.622 - 19.055 (473 - 484 mm)	17	525	6.496 (165 mm)
	19.055 - 19.134 (484 - 486 mm)	21	575	6.496 (165 mm)
	19.173 - 19.685 (487- 500 mm)	22	575	6.496 (165 mm)
	19.528 - 20.079 (496- 510 mm)	17	440	5.906 (150 mm)
	19.803 - 20.315 (503- 516 mm)	25	475	5.906 (150 mm)
	20.354 - 20.354 (517 - 517 mm)	26	475	5.906 (150 mm)
	20.236 - 20.748 (514 - 527 mm)	19	400	5.906 (150 mm)
	20.787 - 21.339 (528 - 542 mm)	19	425	4.921 (125 mm)
	21.260 - 21.732 (540 - 552 mm)	23	325	4.331 (110 mm)
25.591 (650 mm)	17.717 - 18.504 (450 - 470 mm)	11	615	8.071 (205 mm)
	18.976 - 19.528 (482 - 496 mm)	18	650	6.496 (165 mm)
	19.961 - 20.709 (507 - 526 mm)	19	500	6.496 (165 mm)
	20.591 - 21.024 (523 - 534 mm)	19	525	6.496 (165 mm)
	21.024 - 21.142 (534 - 537 mm)	23	575	6.496 (165 mm)

MODULAR SEAL PGKD – SELECTION TABLE

WALL OPENING ID inch (mm)	CARRIER PIPE OD inch (mm)	NUMBER OF SEGMENTS	TYPE PGKD	MINIMUM INSTALLATION DEPTH inch (mm)
25.591 (650 mm)	21.181 - 21.654 (538 - 550 mm)	24	575	6.496 (165 mm)
	21.496 - 22.047 (546 - 560 mm)	19	440	5.906 (150 mm)
	21.772 - 21.811 (553 - 554 mm)	27	475	5.906 (150 mm)
	21.850 - 22.322 (555 - 567 mm)	28	475	5.906 (150 mm)
	22.205 - 22.677 (564 - 576 mm)	20	400	5.906 (150 mm)
	22.717 - 22.717 (577 - 577 mm)	21	400	5.906 (150 mm)
	22.756 - 23.307 (578 - 592 mm)	21	425	4.921 (125 mm)
	23.228 - 23.701 (590 - 602 mm)	25	325	4.331 (110 mm)