

PG TYPE NYLON CORD GRIPS

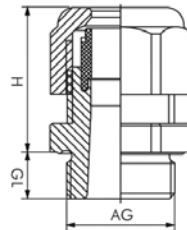
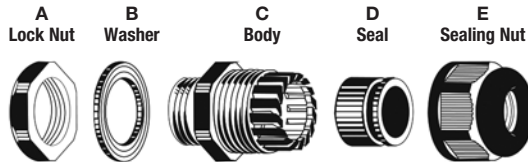
Material: PA (NYLON), UL 94
Hermetic seal: NBR
Protection degree: IP68, 5 Bar
Working temperature: -40°C to 100°C in static state
Instantaneous heat resistance up to 120°C
-20°C to 80°C in dynamic state
Instantaneous heat resistance up to 100°C
Colour: Grey, Black

RoHS

CE IP68 TÜV
PRODUCT SERVICE

UL US
LISTED
E360400

UL US
UL FILE NO.: E360400



Techspan Part No. Black	Techspan Part No. Grey	AG	 Inch	mm	H inch	mm	GL inch	 mm	inch	Package Qty.
RDC07AA*	RDC07AA-GR*	PG 7	.11 - .26	21	.827	8	.315	15	.591	200
RDC07AR*	RDC07AR-GR*	PG 7	.07 - .20	21	.827	8	.315	15	.591	200
RDC09AA*	RDC09AA-GR*	PG 9	.15 - .32	21	.827	8	.315	19	.748	125
RDC09AR*	RDC09AR-GR*	PG 9	.07 - .24	22	.866	8	.315	19	.748	125
RDC11AA*	RDC11AA-GR*	PG 11	.19 - .39	25	.984	8	.315	22	.866	100
RDC11AR*	RDC11AR-GR*	PG 11	.11 - .28	25	.984	8	.315	22	.866	100
RDC13AA	RDC13AA-GR	PG 13,5	.23 - .47	27	1.063	9	.354	24	.945	50
RDC13AR	RDC13AR-GR	PG 13,5	.19 - .35	27	1.063	9	.354	24	.945	50
RDC16AA	RDC16AA-GR	PG 16	.39 - .56	28	1.102	10	.394	27	1.063	50
RDC16AR	RDC16AR-GR	PG 16	.27 - .47	28	1.102	10	.394	27	1.063	50
RDC21AA	RDC21AA-GR	PG 21	.51 - .71	31	1.220	11	.433	33	1.299	50
RDC21AR	RDC21AR-GR	PG 21	.35 - .63	31	1.220	11	.433	33	1.299	50
RDC29AA	RDC29AA-GR	PG 29	.70 - .98	39	1.535	11	.433	42	1.654	20
RDC29AR	RDC29AR-GR	PG 29	.47 - .79	39	1.535	11	.433	42	1.654	20
RDC36AA	RDC36AA-GR	PG 36	.87 - 1.26	48	1.890	13	.512	53	2.087	8
RDC36AR	RDC36AR-GR	PG 36	.79 - 1.02	48	1.890	13	.512	53	2.087	8
RDC42AA	RDC42AA-GR	PG 42	1.26 - 1.50	49	1.929	13	.512	60	2.362	6
RDC42AR	RDC42AR-GR	PG 42	.98 - 1.22	49	1.929	13	.512	60	2.362	6
RDC48AA	RDC48AA-GR	PG 48	1.46 - 1.73	49	1.929	14	.551	65	2.560	5
RDC48AR	RDC48AR-GR	PG 48	1.14 - 1.38	49	1.929	14	.551	65	2.560	5

Features "Poke Through Grommet"
Keeps dust and moisture out of enclosure
before wiring. Simply poke through the
skin for easy wire connection.



CHART I International Protection (IP) Ratings to IEC 529

Protection Modes to EN 60529 DIN VDE 0470 Part 1			Second Digit – Degree of Water Protection								
First Digit			IP 0X No Protection	IP X1 Protection against dripping water falling vertically	IP X2 Protection against dripping water even when tilted 15° vertically	IP X3 Protection against dripping water even when tilted 60°	IP X4 Protection against splashing water from any direction	IP X5 Protection against water jets from any direction	IP X6 Protection against heavy seas from any direction	IP X7 Protection against effects of immersion	IP X8 Protection against submersion
	Person touching	Protection against penetration of foreign bodies									
IP X0	No protection	No protection	IP 00								
IP 1X	Protection against touching with the hand	Protection against large solid bodies >50 mm Ø	IP 10	IP 11 IP	IP 12						
IP 2X	Protection against touching with the finger	Protection against med., solid bodies >12.5 mm Ø	IP 20	IP 21	IP 22	IP 23					
IP 3X	Protection against touching with tools, wires, etc., >2.5 mm Ø	Protection against small, solid bodies >2.5 mm Ø	IP 30	IP 31	IP 32	IP 33	IP 34				
IP 4X	Protection against touching with tools, wires, etc., >1 mm Ø	Protection against small, solid bodies >1 mm Ø	IP 40	IP41	IP 42	IP 43	IP 44				
IP 5X	Protection against touching with tools, wires, etc., >1mm Ø	Protection against internal dust accumulation	IP 50				IP 54	IP 55			
IP 6X	Protection against touching with tools, wires, etc., >1mm Ø	Protection against all dust accumulation	IP 60					IP 65	IP 66	IP 67	IP 68

In some countries a third digit is added. It gives information about the mechanical properties of the equipment. This designation has not yet been standardized according to current DIN and IEC regulations. Devices in this catalogue correspond to digit IP .7.

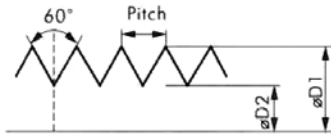
CHART II NEMA / IP Cross Reference

The chart below provides a cross-reference from NEMA to International Protection (IP) Ratings. This cross-reference is an approximation based on the most current information available. It is not sanctioned by NEMA, IEC, or any other regulatory body. This chart should be used only as a guideline.

IEC 529 Protection Ratings	1	2	3	3R	4	4X	5	6	12	13
IP 00	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
IP 10	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
IP 11	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
IP 20	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
IP 21	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
IP 22	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
IP 23	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
IP 30	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
IP 31	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
IP 32	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
IP 33	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
IP 40	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
IP 41	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
IP 42	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
IP 43	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
IP 50	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
IP 51	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
IP 52	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
IP 53	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
IP 54	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
IP 55	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
IP 56	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
IP 60	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
IP 61	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
IP 62	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
IP 63	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
IP 64	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
IP 65	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
IP 66	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
IP 67	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
IP 68	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓

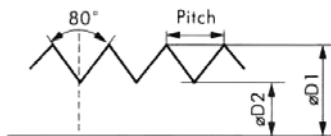
TECHNICAL INFORMATION

Metric ISO Thread Specifications



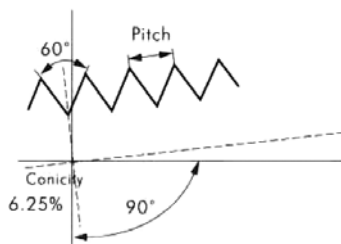
Size	Pitch mm	Outside-Ø D1		Inside-Ø D2		Thru-hole	
		mm	inch	mm	inch	mm	inch
M 12 x 1,5	1,5	12	.472	10,13	.399	12,2	.480
M 16 x 1,5	1,5	16	.630	14,13	.556	16,2	.638
M 20 x 1,5	1,5	20	.787	18,13	.714	20,2	.795
M 25 x 1,5	1,5	25	.984	23,13	.911	25,2	.992
M 32 x 1,5	1,5	32	1.260	30,13	1.186	32,2	1.268
M 40 x 1,5	1,5	40	1.575	38,13	1.501	40,2	1.583
M 50 x 1,5	1,5	50	1.969	48,13	1.895	50,2	1.976
M 63 x 1,5	1,5	63	2.480	61,13	2.407	63,2	2.488

PG Thread Specifications



Size	Pitch		Outside-Ø D1		Inside-Ø D2		Thru-hole	
	mm	inch	mm	inch	mm	inch	mm	inch
PG 7	1,270	.050	12,5	.492	11,28	.444	12,7	.500
PG 9	1,410	.056	15,2	.598	13,86	.546	15,4	.606
PG 11	1,410	.056	18,6	.732	17,26	.680	18,8	.740
PG 13,5	1,410	.056	20,4	.803	19,06	.750	20,7	.815
PG 16	1,410	.056	22,5	.886	21,16	.833	22,8	.898
PG 21	1,588	.062	28,3	1.114	26,78	1.054	28,6	1.126
PG 29	1,588	.062	37,0	1.457	35,48	1.400	37,4	1.472
PG 36	1,588	.062	47,0	1.850	45,48	1.791	47,5	1.870
PG 42	1,588	.062	54,0	2.126	52,48	2.066	54,5	2.146
PG 48	1,588	.062	59,3	2.334	57,78	2.275	59,8	2.354

NPT Thread Specifications



Size	Pitch Inch	Outside-Ø Inch	Number of pitches n
1/4" NPT	0.056	0.54	18
3/8" NPT	0.056	0.675	18
1/2" NPT	0.071	0.84	14
3/4" NPT	0.071	1.05	14
1" NPT	0.087	1.315	11 1/2
1 1/4" NPT	0.087	1.66	11 1/2
1 1/2" NPT	0.087	1.9	11 1/2
2" NPT	0.087	2.375	11 1/2
2 1/2" NPT	0.125	2.875	8
3" NPT	0.125	3.5	8
3 1/2" NPT	0.125	4	8