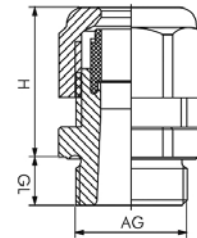
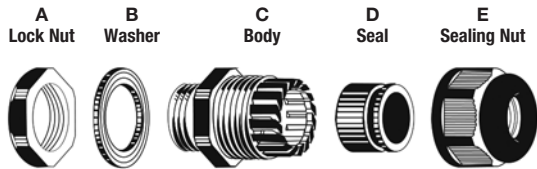


## NPT TYPE NYLON CORD GRIPS

**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



Techspan Part No. Black	Techspan Part No. Grey	AG	Inch	H		GL		mm		Package Qty.
				mm	inch	mm	inch	mm	inch	
RDC09NA*	RDC09NA-GR*	3/8" NPT	.15 - .32	22	.866	15	.591	22/19	.866/.748	100
RDC09NR*	RDC09NR-GR*	3/8" NPT	.07 - .24	22	.866	15	.591	22/19	.866/.748	100
RDC13NA	RDC13NA-GR	1/2" NPT	.23 - .47	27	1.063	13	.512	24	.945	50
RDC13NR	RDC13NR-GR	1/2" NPT	.19 - .35	27	1.063	13	.512	24	.945	50
RDC16NA	RDC16NA-GR	1/2" NPT	.39-.56	28	1.102	13	.512	27	1.063	50
RDC16NR	RDC16NR-GR	1/2" NPT	.27 - .47	28	1.102	13	.512	27	1.063	50
RDC21NA	RDC21NA-GR	3/4" NPT	.51 - .71	31	1.220	14	.551	33	1.299	50
RDC21NR	RDC21NR-GR	3/4" NPT	.35 - .63	31	1.220	14	.551	33	1.299	50
RDC29NA	RDC29NA-GR	1" NPT	.70 - .98	39	1.535	19	.748	42	1.654	20
RDC29NR	RDC29NR-GR	1" NPT	.47 - .79	39	1.535	19	.748	42	1.654	20
RDC36NA	RDC36NA-GR	1 1/4" NPT	.71 - .98	39	1.535	16	.630	46/42	1.811/1.654	10
RDC36NR	RDC36NR-GR	1 1/4" NPT	.51 - .79	39	1.535	16	.630	46/42	1.811/1.654	10
RDC42NA	RDC42NA-GR	1 1/2" NPT	.87 - 1.26	48	1.890	20	.787	53	2.087	8
RDC42NR	RDC42NR-GR	1 1/2" NPT	.79 - 1.02	48	1.890	20	.787	53	2.087	8

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
IP X0	No protection	IP 00								
IP 1X	Protection against touching with the hand	IP 10	IP 11	IP 12						
IP 2X	Protection against touching with the finger	IP 20	IP 21	IP 22	IP 23					
IP 3X	Protection against touching with tools, wires, etc., >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	IP 40	IP 41	IP 42	IP 43	IP 44				
IP 5X	Protection against touching with tools, wires, etc., >1mm Ø	IP 50				IP 54	IP 55			
IP 6X	Protection against touching with tools, wires, etc., >1mm Ø	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.

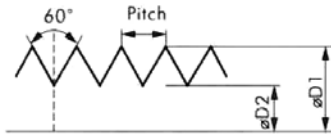
**CHART II NEMA / IP Cross Reference**

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	NEMA 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			↓		↓	↓	↓	↓	↓	↓

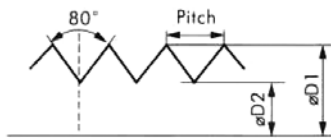
## TECHNICAL INFORMATION

### Metric ISO Thread Specifications



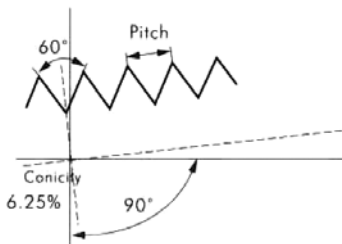
Size	Pitch mm	Outside-Ø D1		Inside-Ø D2		Thru-hole	
		mm	inch	mm	inch	mm	inch
M 12 x 1,5	1,5	12	.472	10,13	.399	12,2	.480
M 16 x 1,5	1,5	16	.630	14,13	.556	16,2	.638
M 20 x 1,5	1,5	20	.787	18,13	.714	20,2	.795
M 25 x 1,5	1,5	25	.984	23,13	.911	25,2	.992
M 32 x 1,5	1,5	32	1.260	30,13	1.186	32,2	1.268
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