



CABLE GLANDS

The HYLEC range of general purpose, compression type Cable Glands and Accessories, satisfy the many and varied demands of industry, from the manufacturers of consumer products and capital equipment to installers and specifiers.

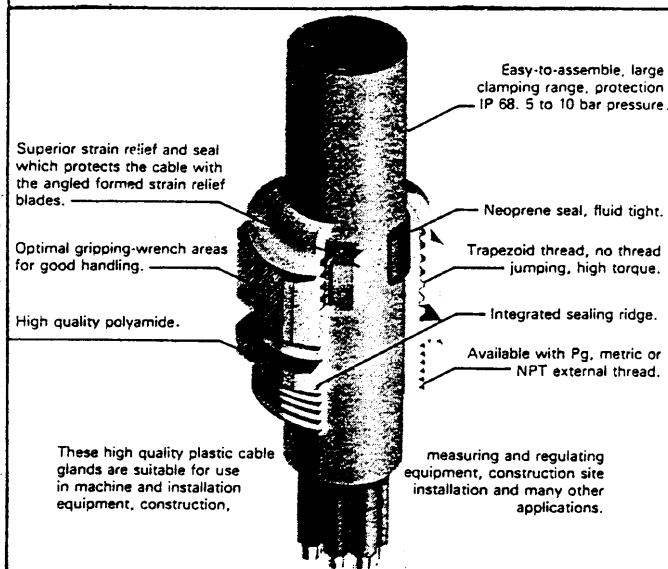
Designed and supplied by one of Europe's leading specialist producers of Glands with over 60 years experience and supported by the latest production technology, we can offer quality components at competitive prices.

The following information relates to our standard Metric and PG thread size glands rated for -30°C to $+100^{\circ}\text{C}$ operation. Other types, material options - including flame retardant polyamide and nickel plated brass are available. The colours indicated are the standard for the range, however other colours can be supplied subject to availability. For all non-standard options, please consult us for further details.

All dimensional details are in millimetres.

PERFECT RANGE

The excellent new 'Perfect' gland incorporates the high specification features detailed below.



PERFECT polyamide cable gland, water tight, easy-to assemble, good strain relief, wide clamping range, multi-purpose applications. Sealing to IP 68. Colours: PG sizes - Grey; Metric sizes - Black.

Part No.	Thread Size	Thread Length	Cable Dia.
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With Reducing insert

50.029 PA/R	Pg 29	11	12 - 20
50.036 PA/R	Pg 36	13	20 - 26
50.042 PA/R	Pg 42	14	25 - 31
50.048 PA/R	Pg 48	14	29 - 35

With Metric thread 152-

50.007/12 PASW	369M 12 x 1.5	8	3 - 6.5
50.011/16 PASW	370M 16 x 1.5	15	5 - 10
50.013/20 PASW	371M 20 x 1.5	11	6 - 12
50.016/20 PASW	372M 20 x 1.5	15	10 - 14
50.021/25 PASW	373M 25 x 1.5	15	13 - 18
50.036/40 PASW	M 40 x 1.5	18	22 - 32
50.042/50 PASW	M 50 x 1.5	18	30 - 35
50.048/63 PASW	M 63 x 1.5	18	34 - 44

With Reducing insert

50.007/12 PASW/R	M 12 x 1.5	8	2 - 5
50.011/16 PASW/R	M 16 x 1.5	15	3 - 7
50.013/20 PASW/R	M 20 x 1.5	11	5 - 9
50.016/20 PASW/R	M 20 x 1.5	15	7 - 12
50.021/25 PASW/R	M 25 x 1.5	15	9 - 16
50.036/40 PASW/R	M 40 x 1.5	18	20 - 26
50.042/50 PASW/R	M 50 x 1.5	18	25 - 31
50.048/63 PASW/R	M 63 x 1.5	18	29 - 35



PERFECT Polyamide gland with integral flexible cord guard to prevent excessive bending of the cable.

Colours: PG sizes - Grey; Metric sizes - Black.

Part No.	152	Thread Size	Thread Length	Cable Dia.
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50.007 PA/BS	374	Pg 7	8	3 - 6.5
50.009 PA/BS	375	Pg 9	8	4 - 8
50.011 PA/BS	376	Pg 11	8	5 - 10
50.013 PA/BS	377	Pg 13.5	9	6 - 12
50.016 PA/BS		Pg 16	10	10 - 14

With Metric Threads

50.007/12 BS PASW	M 12 x 1.5	378	8	3 - 6.5
50.011/16 BS PASW	M 16 x 1.5	379	15	5 - 10
50.013/20 BS PASW	M 20 x 1.5	380	11	6 - 12
50.016/20 BS PASW	M 20 x 1.5		15	10 - 14
50.021/25 BS PASW	M 25 x 1.5		15	13 - 18

Part No.	152-	Thread Size	Thread Length	Cable Dia.
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50.007 PA	364	Pg 7	8	3 - 6.5
50.009 PA	365	Pg 9	8	4 - 8
50.011 PA	366	Pg 11	8	5 - 10
50.013 PA	367	Pg 13.5	9	6 - 12
50.016 PA	368	Pg 16	10	10 - 14
50.021 PA		Pg 21	11	13 - 18
50.029 PA		Pg 29	11	18 - 25
50.036 PA		Pg 36	13	22 - 32
50.042 PA		Pg 42	14	30 - 38
50.048 PA		Pg 48	14	34 - 44

With Reducing insert

50.007 PA/R	Pg 7	8	2 - 5
50.009 PA/R	Pg 9	8	2 - 6
50.011 PA/R	Pg 11	8	3 - 7
50.013 PA/R	Pg 13.5	9	5 - 9
50.016 PA/R	Pg 16	10	7 - 12
50.021 PA/R	Pg 21	11	9 - 16

PG Thread Guide

Mounting Thread Size	Panel Hole Size	Nom. Cable Diameter
PG7	12.5	3.0 – 6.5
PG9	15.2	4.0 – 8.0
PG11	19.0	5.0 – 10.0
PG13.5	21.5	6.0 – 12.0
PG16	23.0	10.0 – 14.0

Cable Size/Ratings and Applications

Cables used for building wiring with their sizes, ratings and principal applications:

Cable size mm ² :	Current Rating Amps	Circuits
1.0	16	Lighting
1.5	20	Lighting and 15A single sockets
2.5	28	Ring main and 20A radial
4.0	36	30A radial
6.0	46	Cookers and showers
10	64	Cookers
16	85	Electricity meters
25	108	Electricity meters

Flammability Classifications

UL94V-0	Self extinguishing within 10 secs. No flame drips which ignite
UL94V-1	Self extinguishing within 30 secs. No flame drips which ignite
UL94V-2	Self extinguishing within 30 secs. Flame drips which ignite
UL94-HB	Reduced burning rate when burnt horizontally

The UL specifications above are flammability tests carried out on plastic materials by the Underwriters Laboratory. The specifications are split into vertical and horizontal burning tests, dependent on the viscosity of the material.

The vertical tests measure the extinguishing time and whether any flame drips (burning droplets) fall onto and ignite gauze.

The horizontal tests measure the burning rate of the material.

Extract from Underwriters Laboratory specification – UL94 – 'Tests for flammability of plastic materials'.