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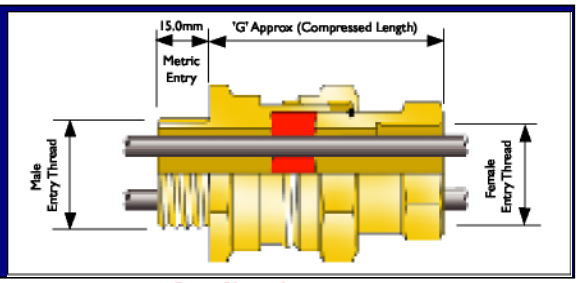
A.S.P. Electro-Technology Ltd
INFORMATION SHEET

ATEX
Other Certifications available

HAWKE SB 474
CABLE GLAND

EExd IIC Eexe II
Increased Safety, Flameproof
Zones 1 & 2, 21 & 22



CABLE GLAND SELECTION TABLE

Size Ref.	Male Entry Thread Size		Female Entry Thread Size		'G'	Hexagon Dimensions	
	Metric	NPT* Std./ Option	Metric	NPT #		Across Flats	Across Corners
A	M20	¾"/½"	M20	-	63.9	30.0	34.6
B	M25	1"/¾"	M25	-	52.8	36.0	41.6
C	M32	1¼"/1"	M32	-	69.5	46.0	53.1

CABLE GLAND SIZE FOR CORE SIZE & NUMBER

Maximum No. of Cores	Cores Cross Sectional Area mm²				
	1.5	2.5	4.0	6.0	10.0
7	A & B	A & B	B & C	C	C
4	-	-	-	B	-
3	-	-	-	-	B

PUNCH TOOL SIZE DETAILS

Punch Ref.	No.1	No.2	No.3
Core C.S.A. mm²	1.5 - 2.5	4.0 - 6.0	10.0

General Information

All Metric entry threads are 1.5mm pitch medium fit.
All dimensions in millimetres (except* where dimensions are in inches).
Assembly instruction data sheet No. A.I. 309.
NPT female thread sizes equivalent to those shown in the table for the male thread size are available. Hexagon dimensions as shown may alter.

Accessories including locknuts, sealing washers, serrated washers, earth tags, shrouds, adaptors and reducers available. See pages 44 - 48.

Materials & Finishes

The SB 474 cable gland is manufactured as standard in brass, stainless steel and aluminium.
NPT entries, nickel plated as standard. Full nickel plating available.

Cable Gland Ordering Examples

Cable Gland Type/Size/Male Thread/Female Thread

e.g. SB 474/C/M32/M32
SB 474/C/1¼" NPT/M32

Punch Tool Ordering Example

e.g. Punch Tool Number 1.

Application

- Outdoor or Indoor use.

For particular use with :-

a) Cables that are not effectively fil
compact and/or circular, have ta
bedding or have hygroscopic fille
b) Cables that exhibit "Cold Flow"
characteristics.
c) Enclosures for gas group IIC, un
2 litres in volume and containing
ignition
d) Enclosures for gas groups IIA or
IIB, which are greater than 2 litr
in volume and contain an ignitio
source.

- See technical section of the catalogue for installation rules a regulations.

Features

- Provides a barrier seal to the individual insulated cores within the cable and prevents entry of the products of an explosion into the cable.
- The required number of holes for the cores are punched in the seal by means of a special tool to suit the core size.
- DTS01 deluge protection certified by ITS.
- Provides female running coupler for cable gland or conduit entry.

Technical Data

- Flameproof EExd and Increased Safety EExe. Ex II 2 GD
- Baseefa Certificate No. BAS 01 ATEX 2077X.
- Suitable for use in Zone 1, Zone 2, Zone 21 and Zone 22.
- Suitable for use in Gas Groups IIA, IIB and IIC.
- Construction and test standards EN 50014, EN 50018, EN 50019 and EN 50281-1-1. IEC 60079-0, IEC 60079-1 and IEC 60079-7.
- IP66, IP67 and IP68 (30 metres for 7 days) ingress protection to IEC 60529 and EN 60529.
- Operating temperature range -60°C to +80°C as standard.

Supplied by:

A.S.P. Electro-Technology Ltd
Specialist Suppliers of Hazardous Area Certified Electrical Products & Instrumentation

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