

Raxton Barrier Stopper Boxes for Cable Glands and Rigid Conduit

Technical Specification



The Compound Stopper Box is designed to seal conductors at the entry to the enclosure via conduit or to enable an existing compression gland to be converted to a barrier gland. This is achieved by forming a barrier between the individual insulated conductors within the cable to prevent an explosion within the enclosure. The Compound Stopper Box allows compound to be packed around individual insulated conductors. Assembly of the component compresses the packing material and distributes the compound evenly to effect a barrier at point of entry into the enclosure.

The Compound Stopper Box is supplied with compound in a pack, complete with making off instructions and gloves.

Certifications and Compliances

Code of Protection Categories

ATEX: II 2 GD, Ex de IIC

GOST: ExdIICU

INMETRO: BR-Ex d IIC Gb, BR-Ex tD A21 IP 66/67

Compliance Standards

ATEX / INMETRO / GOST: EN 50014:1997, EN 50018:2000, EN 50019:2000, EN 5081-1-1:1998

Certificate Details

ATEX: ITS 12ATEX17707X

IECEX: IECEX ITS 12.0079X

GOST: POCC GB. 06.B01060

TEMPERATURE

The item is classified as a component and therefore metallic products are not given an operating temperature range.

Ingress Protection (IP):

Independently tested to IP66 / IP68 when fitted in accordance to manufacturer's instructions.

Barrier Stopper Box used with a rigid steel conduit.



Barrier Stopper Box used with a compression type cable gland to provide a barrier gland assembly.

Product Codes

DIGIT 1+2 Description (Stopper Boxes)	Code	DIGIT 3 Material	Code	DIGIT 4 & 5 Male	DIGIT 6 & 7 Female	DIGIT 8 Approval	DIGIT 9 Special	DIGIT 10 Plating
STOPPER BOX M-F	EG	BRASS	A	M16	11 ½" NPT	ATEX Ex de	None (standard)	None
STOPPER BOX F-F	EK	ALUMINIUM	B	M20	12 ¾" NPT		Customer Special	Nickel
		MILD STEEL	C	M25	13 1" NPT			Zinc
		STAINLESS STEEL	E	M32	14 1½" NPT			Chromatised
				M40	15 1½" NPT			Special
				M50	16 2" NPT			
				M63	17 2½" NPT			
				M75	18 3" NPT	Industrial	X or Blank	

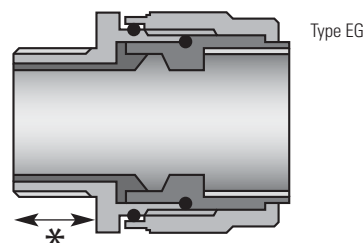
Other sizes / threads are available on request



Type EG

Product Dimensions

Thread	Bore MN (mm)	Thread Length (mm)	Protrusion (mm)
M16	7.2	15.0	32.0
M20	12.5	15.0	34.5
M25	18.3	15.0	34.5
M32	24.3	15.0	34.5
M40	30.0	17.0	35.0
M50	41.6	17.0	37.0
M63	53.3	17.0	37.0
M75	65.0	17.0	37.0



Type EG

* Minimum 6 full threads parallel 5 full threads taper.

PRODUCT CODING EXAMPLE	Box M-F	Brass	M20(M)	M20(F)	Ex de	PART NUMBER
	EG	A	12	12	A	= EGA1212A