

Flameproof Barrier Cable Glands

A-Belco Hazardous Area is a specialist manufacturer of hazardous area products for the oil, gas, petrochemical, pharmaceutical and marine industries worldwide. A division of the A-Belco Group, A-Belco Hazardous Area is an independent UK based manufacturer providing standard and bespoke offerings in the design and assembly of products for Zone Classification Areas 1, 2, 21 & 22, Gas and Dust.

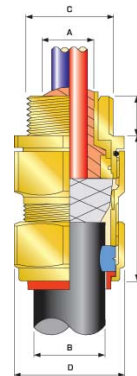
The portfolio of products includes Junction Boxes, Control Panels, Control Stations, Lighting, Receptacles, Switches, Circuit Breakers, Cable Glands - all within Ex d, Ex e, Ex ia, Ex nA and Ex nR protection concepts. All products are built in conformance with the ATEX Directive to ensure complete safety. The equipment is independently certified by SIR, CESI, GOST-R, GOST-K and AUS.

A-Belco Hazardous Area excel in quality, price, delivery and after sales support; with over 25 years experience in the hazardous area sector, we can provide a complete and bespoke first class engineered solution from design to manufacture.

PX2K Cable Gland

PX2K Flameproof Ex d, Increased Safety Ex e and Restricted Breathing Ex nR Barrier Cable Gland

CMP Type PX2K Triple Certified Flameproof (Type "d"), Increased Safety (Type "e") and Restricted Breathing (Type "nR") cable gland for use in Zone 1, 2, 21 & 22 Hazardous Areas with all types of armoured cable providing a compound barrier seal around the cable conductors and an environmental seal on the cable outer sheath. The cable gland provides mechanical cable retention and electrical continuity via armour termination.



A combined detachable armour cone and compound tube, together with AnyWay universal clamping ring arrangement allows the cable to be easily disconnected from the equipment, for maintenance and change out etc., and re-connected with the same consummate ease. This feature also facilitates remote make off procedures when the termination is to be conducted in confined spaces or in areas of restricted access. The PX2K is supplied in kit form inclusive of two detachable armour cones. Stepped Cone is suitable for SWA cables, Grooved Cone is suitable for all other approved armoured cables.

PX2K Cable Gland Selection

Cable Gland Size	Available Entry Threads "C"			Minimum Thread Length "E"	No of Cores	Diameter Over Conductors "A"	Overall Cable Diameter "B"				Armour Range †				Across Flats "D"	Across Corners "D"	Nominal Protrusion Length "F"	Ordering Reference (Brass Metric #)	PVC Shroud Reference	Weight (Kgs)
	Standard		Option				Min		Max		Grooved Cone		Stepped Cone							
	Metric	NPT	NPT				Min	Max	Min	Max	Min	Max	Min	Max						
PX2K	20S	M20S	1/2"	3/4"	15.0	15	12.6	9.5	15.9	0.0	1.0	0.9	1.25	30.5	33.3	58.5	20SPX2K1RA	PVC06	0.200	
	20	M20	1/2"	3/4"	15.0	15	12.6	12.5	20.9	0.0	1.0	0.9	1.25	30.5	33.3	60.5	20PX2K1RA	PVC06	0.230	
	25	M25	3/4"	1"	15.0	29	17.5	18.2	26.2	0.0	1.0	1.25	1.6	37.5	40.5	67.5	25PX2K1RA	PVC09	0.330	
	32	M32	1"	1-1/4"	15.0	51	23.6	23.7	33.9	0.0	1.0	1.6	2.0	46.0	51.0	69.5	32PX2K1RA	PVC11	0.510	

Note: *LSF Shrouds also available on request. †Alternative armour clamping range available for non-standard armour sizes. Marine approvals including Lloyds, DNV, & ABS are also available. # Other thread forms are available.

Barrier Cable Gland Price List

Description	Price
20S PX2K	£17.13
20 PX2K	£21.43
25 PX2K	£26.79
32 PX2K	£44.45

Other Hazardous Area products within the range



- Lighting
- Control Stations
- Circuit Breakers
- Cable Glands
- Junction Boxes
- Switches

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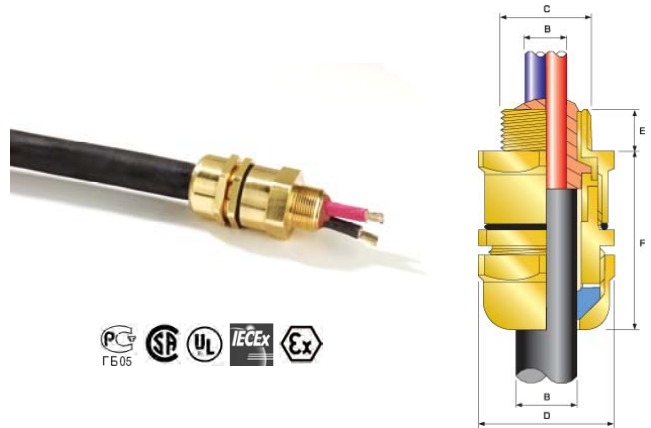
Flameproof Barrier Cable Glands

PXSS2K Cable Gland

PXSS2K Flameproof Ex d, Increased Safety Ex e and Restricted Breathing Ex nR Cable Gland

CMP Type PXSS2K Triple Certified Flameproof (Type "d"), Increased Safety (Type "e") and Restricted Breathing (Type "nR") cable gland for use in Zone 1, 2, 21 & 22 Hazardous Areas with all types of unarmoured cable providing a compound barrier seal around the cable conductors and an environmental seal on the cable outer sheath.

The cable gland provides mechanical cable retention. A combined detachable spacer and compound tube allows the cable to be easily disconnected from the equipment, for maintenance and change out etc., and re-connected with the same consummate ease.



This feature also facilitates remote make off procedures when the termination is to be conducted in confined spaces or in areas of restricted access.

PXSS2K Cable Gland Selection

Cable Gland Size	Available Entry Threads "C"				Minimum Thread Length "E"	Number of Cores	Diameter Over Conductors "A"	Overall Cable Diameter "B"		Across Flats "D"	Across Corners "D"	Nominal Protrusion Length "F"	Ordering Reference (Brass Metric) #	PVC Shroud Reference *	Weight (Kgs)		
	Standard		Option					Max	Max							Min	Max
	Metric	NPT	NPT														
PXSS2K	20S	M20S	½"	¾"	15.0	15	12.6	6.1	11.7	30.5	33.3	58.5	20SPXSS2K1RA	PVC05	0.200		
	20	M20	½"	¾"	15.0	15	12.6	6.5	14.0	30.5	33.3	60.5	20PXSS2K1RA	PVC05	0.250		
	25	M25	¾"	1"	15.0	29	17.5	11.1	20.0	37.5	40.5	67.5	25PXSS2K1RA	PVC09	0.403		
	32	M32	1"	1-1/4"	15.0	51	23.6	17.0	26.3	46.0	51.0	69.5	32PXSS2K1RA	PVC10	0.555		

Note: *LSF Shrouds also available on request. Marine approvals including Lloyds, DNV, & ABS are also available. # Other thread forms are available.

Barrier Cable Gland Price List

Description	Price
20S PXSS2K	£21.75
20 PXSS2K	£26.24
25 PXSS2K	£31.25
32 PXSS2K	£47.23

Other Hazardous Area products within the range

Rev 1. 18_08_08 E. & E. O

All Dimensions in mm



- Lighting
- Control Stations
- Circuit Breakers
- Cable Glands
- Junction Boxes
- Switches

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