








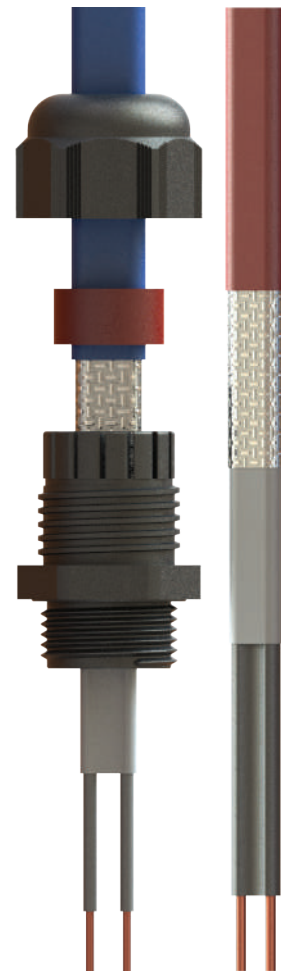
High Impact Polyamide Cable Glands for Ex e Applications and Heat Trace Cables

7 joule

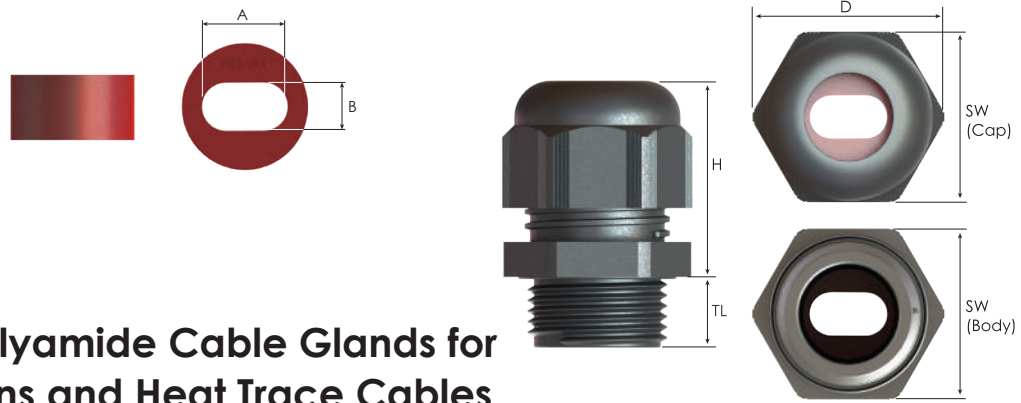
HI-GEMINI

Technical Details	
Material	Body, Cap PA 6 (Polyamide 6) Seal CR (Chloroprene)
Ingress Protection Rating	IP 68 - 5 Bar, 30 min IP 66
Operating Temperature	Seal Material CR (Chloroprene) -40°C to +70°C Silicone -60°C to +70°C
Equipment For	<ul style="list-style-type: none"> Gas & Dust potentially explosive atmospheres. Cable glands should be also used for intrinsically safe circuits Ex-i. These cable glands shall have a light blue colored cap. The symbol "I" will be added beside of the "HIBM" for order processing.
Suitable for use in	Group II Gas Group IIC ZONE1/ZONE2 Group III Dust Group IIIC ZONE21/ZONE 22
Equipment Marking	Ex II 2GD Ex eb IIC Gb Ex tb IIIC Db
Marking Example *	BMD HIBM-X2.. CE 0722  II 2GD Ex eb IIC Gb Ex tb IIIC Db IP66/68 Ta-40°C to +80°C IECEx IMQ 13.0003X IMQ 13 ATEX 010
Impact Test Result	7J
Thread Type	<ul style="list-style-type: none"> Metric (M) ISO Pitch 1,5 Other thread types also available upon request.
Cable Type	Non armoured non circular heat trace
Accessories	<ul style="list-style-type: none"> Lock nuts Gaskets (Washers) Dust plugs
Remarks	<ul style="list-style-type: none"> We recommend the use of locknuts and gaskets to ensure IP rating for rough surfaces or through holes. Accessories must be ordered separately.
Approvals	Certificate Number Standards
	IMQ 13 ATEX 010X EN 60079-0:2012 + A11:2013 EN 60079-7:2015 EN 60079-31:2014
	IECEx IMQ 13.0003X IEC 60079-0:2011 Edition:6.0 IEC 60079-31:2013 Edition:2.0 IEC 60079-7:2016 Edition: 6.0
	ISO 4892-2
	№ TC RU C-TR.AA87.B.00941 GOCT 31610.0-2014 GOCT IEC 60079-1:2013 GOCT IEC 60079-31:2013
	DNV 12.0051 X ABNT NBR IEC 60079-0:2013, ABNT NBR IEC 60079-7:2008 ABNT NBR IEC 60079-31:2011
	E-14045 IEC/EN60079-0, IEC/EN60079-7, IEC/EN60079-31 IEC/EN 62444

-For more information see our webpage.
* The standard marking consists ATEX & IECEx only. Marking acc. to other standards on request.



Order Coding			
Part Number	Seal	Gasket (Washer)	Lock Nut
Mandatory	Mandatory	- Option	Option
See table	C Chloroprene S Silicone	- WC Chloroprene WS Silicone	L Lock nut
*Part number for blue cap is HIBMI-...			
Example			
HIBM-X5 (10,8x6,0) * HIBM-X5 (10,8x6,0)	C	- WC	L



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Thread Type **METRIC** acc. to ISO 965-3

Outer Thread Size (Male)	Flat Hole		Outer Thread Length	Spanner Width		Outer Ø	max. Height	Part Number
	Height	Width		Cap	Body			
	B mm	A mm	TL mm	SW Cap mm	SW Body mm	D mm	H mm	
M25x1,5	5,0	12,8	10,0	27	27	30,9	31,9	HIBM-SX5 (12,8x5,0)
	5,0	12,8	10,0	29	29	32,5	37,7	HIBM-XEU25 (12,8x5,0)
	5,0	12,8	10,0	33	33	37,2	38,4	HIBM-X5 (12,8x5,0)
	5,0	12,8	15,0	27	27	30,9	31,9	HIBM-SX6 (12,8x5,0)
	5,0	12,8	15,0	29	29	32,5	37,7	HIBM-XEU25L (12,8x5,0)
	5,0	12,8	15,0	33	33	37,2	38,4	HIBM-X6 (12,8x5,0)
	5,0	15,0	10,0	29	29	32,5	37,7	HIBM-XEU25 (15,0x5,0)
	5,0	15,0	10,0	33	33	37,2	38,4	HIBM-X5 (15,0x5,0)
	5,0	15,0	15,0	29	29	32,5	37,7	HIBM-XEU25L (15,0x5,0)
	5,0	15,0	15,0	33	33	37,2	38,4	HIBM-X6 (15,0x5,0)
	6,0	10,8	10,0	27	27	30,9	31,9	HIBM-SX5 (10,8x6,0)
	6,0	10,8	10,0	29	29	32,5	37,7	HIBM-XEU25 (10,8x6,0)
	6,0	10,8	10,0	33	33	37,2	38,4	HIBM-X5 (10,8x6,0)
	6,0	10,8	15,0	27	27	30,9	31,9	HIBM-SX6 (10,8x6,0)
	6,0	10,8	15,0	29	29	32,5	37,7	HIBM-XEU25L (10,8x6,0)
	6,0	10,8	15,0	33	33	37,2	38,4	HIBM-X6 (10,8x6,0)