

Hazloc Cable Glands for Armored Cable (Ex d/e/tb)

Hazloc cable glands provide strain relief, sealing and secure entry of cables into enclosures or electrical equipment in hazardous areas. Suitable for Zone 1, 2, 21 or 22 with ATEX and IEC certifications, these cable glands are reliable to protect critical processes and people where explosive gas and dust may be present. Available in various materials, thread types and sizes, our hazloc cable glands are designed to be used in many applications and under extreme environments.

INDUSTRY STANDARDS

II2GD Ex d IIC Gb, Ex e IIC Gb, Ex tb IIIC Db IP66/68

Approved to Test Standards: IEC/EN 60079-0, IEC/EN 60079-1, IEC/

EN 60079-7, IEC/EN 60079-31, UL2225, CAN/CSA-C22.2 No.60079-

0, CAN/CSA-C22.2 No.60079-7, CAN/CSA-C22.2 No.60079-31

Ingress Protection: IP66/68 (EN60529)

Certificate No.: CESI 13 ATEX 033X / IECEx CES 13.0013X. Suitable

for use in:

Zone 1 and 2, Gas Group IIC

Zone 21 and 22, Dust Group IIIC

UL Listing No: E474828. Suitable for use in:

Class I, Zone 1, AEx e IIC

Class I, Zone 2, AEx e IIC

Zone 22, AEX tc IIIC

Other Approvals:

EAC, INMETRO, DNV-GL



FEATURES

Suitable for SWA (steel wire armored), AWA (aluminum wire armored), SWB (steel wire braid), STA (steel tape armored), & shielded cable in flameproof (ex d), increased safety (ex e) and dust (ex tb) applications

Allow for double sealing of cable and jacket with upper and lower seals

The swivel retainer and grounding cone are adhered to the gland body by the o-rings to prevent any loose parts; to remove, simply pull these components slightly to detach

All metric thread cable glands are packaged as kits and includes a chloroprene washer, locknut and earthtag

All NPT thread cable glands are packaged as kits. Each kit includes a locknut and earthtag (except for NPT 3/8-in. cable glands which do not include locknut and earthtag)

Available in Metric (M) and NPT (N) thread type

Operating temperature from -40 C to 100 C with chloroprene seal and -60 C to 130 C with silicon seal

SPECIFICATIONS

Table 1/1

Catalog Number	Article Number	Material	Finish	Thread Size	Seal	Clamping Range Diameter, Lower Seal
KBAU01MBNCW CLE	30661	Brass	Nickel Plated	M16 x 1.5	Chloroprene	6 – 12mm
KBAU01MXSWSL E	30678	Stainless Steel 316L	Brushed	M16 x 1.5	Silicone	6 – 12mm
KBAU1MXSWSLE	30681	Stainless Steel 316L	Brushed		Silicone	6 – 12mm
KBAU1NBNCLE	30671	Brass	Nickel Plated	1/2" NPT	Chloroprene	6 – 12mm
KBAU1NXSLE	30688	Stainless Steel 316L	Brushed	1/2" NPT	Silicone	6 – 12mm
KBAU01NBNC	30668	Brass	Nickel Plated	3/8" NPT	Chloroprene	6 – 12mm
KBAU01NXS	30687	Stainless Steel 316L	Brushed	3/8" NPT	Silicone	6 – 12mm
KBAU1MBNCWC LE	30662	Brass	Nickel Plated		Chloroprene	6 – 12mm
KBAU2MXSWSLE	30682	Stainless Steel 316L	Brushed		Silicone	12 – 16mm
KBAU2NXSLE	30691	Stainless Steel 316L	Brushed	3/4" NPT	Silicone	12 – 16mm
KBAU2MBNCWC LE	30663	Brass	Nickel Plated		Chloroprene	12 – 16mm
KBAU2NBNCLE	30672	Brass	Nickel Plated	3/4" NPT	Chloroprene	12 – 16mm
KBAU3MBNCWC LE	30664	Brass	Nickel Plated		Chloroprene	15 – 26mm
KBAU3MXSWSLE	30683	Stainless Steel 316L	Brushed		Silicone	15 – 26mm
KBAU3NBNCLE	30673	Brass	Nickel Plated	1" NPT	Chloroprene	15 – 26mm
KBAU3NXSLE	30692	Stainless Steel 316L	Brushed	1" NPT	Silicone	15 – 26mm

Catalog Number	Article Number	Material	Finish	Thread Size	Seal	Clamping Range Diameter, Lower Seal
KBAU4MBNCWC LE	30665	Brass	Nickel Plated	M40 x 1.5	Chloroprene	20 – 32mm
KBAU4MXSWSLE	30684	Stainless Steel 316L	Brushed	M40 x 1.5	Silicone	20 – 32mm
KBAU4NBNCLE	30675	Brass	Nickel Plated	1 1/4" NPT	Chloroprene	20 – 32mm
KBAU4NXSLE	30693	Stainless Steel 316L	Brushed	1 1/4" NPT	Silicone	20 – 32mm
KBAU5NBNCLE	30676	Brass	Nickel Plated	1 1/2" NPT	Chloroprene	27 – 41mm
KBAU5NXSLE	30694	Stainless Steel 316L	Brushed	1 1/2" NPT	Silicone	27 – 41mm
KBAU5MBNCWC LE	30666	Brass	Nickel Plated	M50 x 1.5	Chloroprene	27 – 41mm
KBAU5MXSWSLE	30685	Stainless Steel 316L	Brushed	M50 x 1.5	Silicone	27 – 41mm
KBAU6MBNCWC LE	30667	Brass	Nickel Plated	M63 x 1.5	Chloroprene	40 – 52mm
KBAU6MXSWSLE	30686	Stainless Steel 316L	Brushed	M63 x 1.5	Silicone	40 – 52mm
KBAU6NBNCLE	30677	Brass	Nickel Plated	2" NPT	Chloroprene	40 – 52mm
KBAU6NXSLE	30695	Stainless Steel 316L	Brushed	2" NPT	Silicone	40 – 52mm

WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.



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