SEALCON

Leading Provider of Cable Management Solutions

HAZARDOUS / INCREASED SAFETY

CABLE GLANDS FOR ARMORED & NON-ARMORED APPLICATIONS

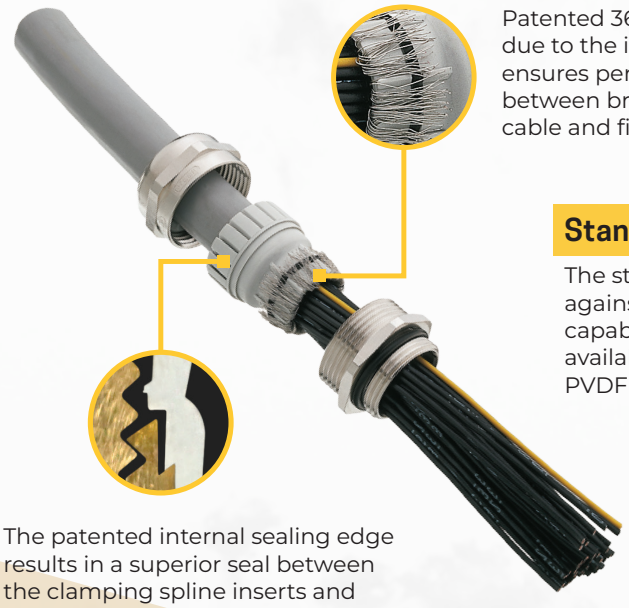
WWW.SEALCONEX.COM

NICKEL PLATED BRASS & STAINLESS STEEL

Get superior performance with Sealcon's nickel plated brass and stainless steel solutions. These premium cable glands are made with outstanding high-grade materials and innovative technology perfect for your hazloc and increased safety requirements. Equipped with a patented form seal for 150 PSIG (10 BAR), the highest in its industry, these cable glands can withstand the demands of your application. Options are available that are resistant to salt water, acids, alkalis, gasoline, and more. Ideal for applications in hazardous locations type "e" or type "d" according to EN 60079-0, EN 60079-1, EN 60079-7.

Increased Protection & Durability

303 & 316L stainless steel options available in addition to nickel plated brass



Patented 360° grounding due to the internal o-ring, ensures perfect contact between braided shield of cable and fitting.

The patented internal sealing edge results in a superior seal between the clamping spline inserts and nickel plated brass body.

Standard Style (-EX)

The standard cable gland has an internal o-ring that presses the braiding against the inside wall of the gland body giving it 360° grounding capabilities. The standard (-EX) can only be used with a braided shield. Also available in a PVDF (-EX-V) version that comes with an FKM form seal and PVDF spline for chemical specific applications.

Feed-Through Style (-FX)

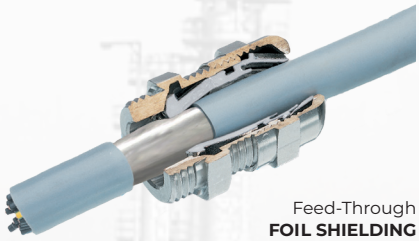
The feed-through cable gland works well with EMI/RFI foil or braided shielded cables. Flexible contact points allows variable cable diameters. Reliable grounding is provided by means of metal coated nylon spline inserts.

EMI & RFI
SHIELDED

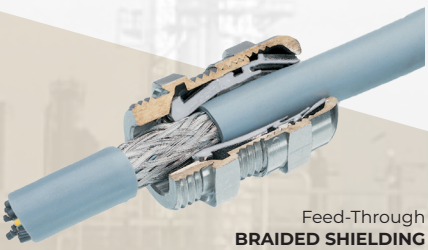
Flexible contact points allow contact with variable braid and foil cable diameters.

Metal-coated nylon spline insert provides the highest electrical shielding in the industry.

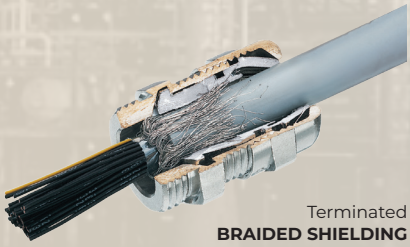
Overlapping clamping splines apply a concentric force, preventing the form seal from being pulled out of the fitting. This ensures pull-out protection without damage to the cable.



Feed-Through
FOIL SHIELDING



Feed-Through
BRAIDED SHIELDING



Terminated
BRAIDED SHIELDING

Dimensions, specifications, and certifications may be changed without prior notice.

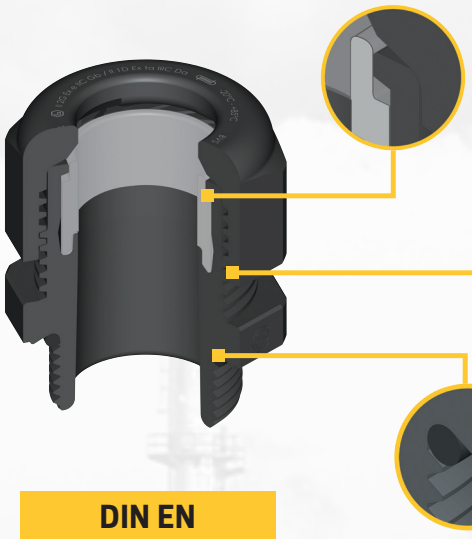
FIBER REINFORCED NYLON CABLE GLANDS

Manufactured with high-grade materials and innovative features designed to meet your hazloc challenges. Both the BXA and BXI series cable glands are environmentally compliant, come with safety ratchets built into the dome to prevent the dome top from coming loose under vibration, and can withstand a 7 Joule impact without breaking due to fiber reinforced construction. Options available to fit cable ranges from .08 – 1.73". A solid choice for outdoor and indoor use where extra durability is required.

BXA & BXI

A nylon solution for non-armored cables designed for applications in electrical equipment and potentially explosive atmospheres. The BXA and BXI cable glands are developed to meet the stringent requirements of EN 60079-0: 2019. IECEx Certificate of Conformity: IECEx BVS 14.0020X.

High Impact Resistant



Overlapping clamping splines apply a concentric force, preventing the form seal from being pulled out of the cable gland. This ensures pull-out protection without causing damage to the cable.

The self locking ACME thread prevents the dome nut from disengaging under extreme lateral force.

Molded o-ring groove maintains the o-rings shape and seal under pressure. An o-ring provides a secure liquid tight seal between the fitting and housing. O-ring included on BXA and BXI fittings.

DIN EN 60079-0: 2019

IECEx

SP C US

INMETRO

RoHS

ATEX

North America Ratings

Class I, Div 2, Groups A,B,C,D
Class II, Div 1 or 2, Groups E,F and G

Class I, Zone 1, Ex/AEx e IIC Gb
Class II, Zone 1, Ex/AEx ta IIIC Da

Markings
II 2G Ex eb IIC Gb
II 1D Ex ta IIIC Da

European Standards

EN 60079-0: 2019
EN 60079-31: 2014
IEC 60079-7: 2015

Anodized Aluminum Clamp

The clamp style cable gland is ideal for applications requiring additional pull out resistance. Designed with the same clamping structure as a standard dome cable gland, but with the addition of an aluminum clamp to provide extra protection from damage. To be used with non-armored cable by tightening the two screws on the clamp around the cable jacket offering another level of protection in potentially damaging environments.

CALL US WITH YOUR APPLICATION NEEDS TODAY!

Call us at 800-456-9012 or visit our website: www.SealconEX.com

EXIOS CABLE GLANDS

Designed for both armored and non-armored cable, Sealcon's EXIOS cable glands are the smart choice for use in hazardous areas. With the ability to handle extreme temperatures along with safe and simple assembly features, EXIOS cable glands are the clear solution to your hazloc needs. EXIOS cable glands meet all the stringent approvals and protection ratings for effective compliance required for hazloc applications. Options available in raw brass, nickel plated brass, and stainless steel.

YE

Armored & Non-Armored

+ STANDARD

- Armor acceptance range from 0 – 2.5 mm
- Innovative "Interlocking Armor Cone"
- Zero torsion on cable cores and armor
- Latest IECEx and ATEX standards
- Ex e / Ex d / Ex t
- Class II Div 1 Groups E,F,G,
- II 2G Ex de IIC Gb / II 1D Ex ta IIIC Da
- IP 66, 67 and 68 (5 bar)

YZ

Armored & Non-Armored
with clamp for additional cable pull-out resistance

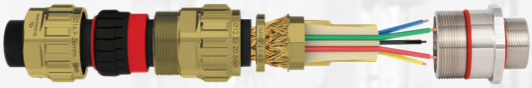
+ MZ

- Armor acceptance range from 0 – 2.5 mm
- Exceptional clamping range
- Innovative "Interlocking Armor Cone"
- Zero torsion on cable cores and armor
- According to the latest IECEx and ATEX standards
- Ex e / Ex d / Ex t
- Class I Div 2 Groups A,B,C,D
- Class II Div 1 Groups E,F,G
- II 2G Ex de IIC Gb / II 1D Ex ta IIIC Da
- IP 66, 67 and 68 (5 bar)

YU

UL Barrier
Armored & Non-Armored

+ BARRIER

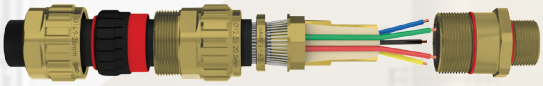


- UL 2225 / UL 514B / CSA 22.2
- Class I; Div 1; Groups C, D
- Class II; Div 1; Groups E, F, G
- Class I; Div 2; Groups C, D
- Class II; Div 2; Groups E, F, G
- Class III
- Class I; Zone 1; AEx d IIB
- Class I; Zone 1; AEx e II

YP

ATEX, IECEx, and cCSAus Barrier
Armored & Non-Armored

+ BARRIER

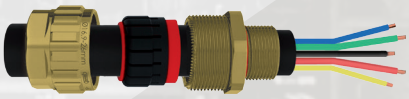


- According to the latest IECEx and ATEX standards
- Ex e / Ex d / Ex t
- Class I Div 2 Groups A,B,C,D,
- Class II Div 1 Groups E,F,G,
- I M2 Ex de / I M2 Ex ta IIIC Da / I Mb IIC Gb
- IP 66, 67 and 68 (5 bar)

YA / A2F

Non-Armored

+ A2F



- According to the latest IECEx and ATEX standards
- Ex e / Ex d / Ex t
- Class I Div 2 Groups A,B,C,D
- Class II Div 1 Groups E,F,G
- II 2G Ex db eb IIC Gb / II 1D Ex ta IIIC Da
- IP 66, 67 and 68 (5 bar)

EXIOS cable glands with overlapping clamping splines have double compression glands on the inner and outer jacket of the cable.

Dimensions, specifications, and certifications may be changed without prior notice.

UNSURPASSED HAZLOC PROTECTION

Sealcon's hazloc product line is the optimal solution for your hazardous and increased safety locations. Not just for the oil and gas industry, the Ex product line is suitable for mining, agriculture, chemical production and many more industries. Made with high-grade materials and built to last, the Ex product line reduces your liability and costs. Our products carry various approvals such as North American (cCSAus) as well as ATEX / IECEx, Ex-e and Ex-d Class, Div and Zone Ratings. **Don't settle for less. Choose Sealcon quality!**

NICKEL PLATED BRASS & STAINLESS STEEL

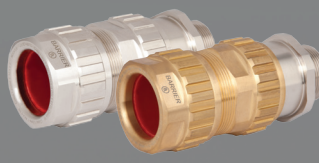
Fulfill your armored and non-armored cable requirements with Sealcon's nickel plated brass and stainless steel cable glands. If you need superior performance, liquid tight protection, and exceptional durability, these cable glands will not disappoint. Built with non-corrosive materials and a 150 PSIG (10 BAR) rated form seal, the highest in the industry, these are designed to perform. With all the latest approvals and certifications, these cable glands are environmentally compliant to the newest standards.

NYLON FIBER REINFORCED CABLE GLANDS

Finding a durable and quality cable gland for hazardous locations with all the required approvals and ratings isn't easy. Sealcon's non-metallic, fiber reinforced nylon Ex-e cable glands meet all the stringent approval requirements, including 150 PSIG pressure and V0 flammability rating according to UL 94. Ideal for electrical equipment and potentially explosive atmospheres. Designed for non-armored cable and also available for low voltage applications.

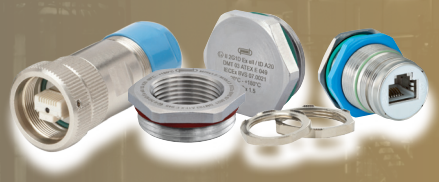
EXIOS CABLE GLANDS

If you're in search of an easily assembled cable gland with torque prevention and wide cable range, Sealcon's EXIOS line is your solution. The innovative captive interlocking armor cone is designed for safe and secure assembly, while the knurled grip profile makes it quick to assemble. The EXIOS' octagonal design keeps torque off cable and armor, and it comes in nine sizes for a larger cable range requiring less inventory. Plus, its easy part numbering system reduces mistakes. The EXIOS line is designed for both armored and non-armored hazloc applications.



CONNECTORS & ACCESSORIES

If you require low-voltage solutions, Sealcon offers EMI ready nickel plated brass and 316L stainless steel RJ45 connectors. We also carry a large selection of accessories including locking nuts, plugs, inserts, o-rings and more.



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COVERS ALL HAZLOC MARKETS – NOT JUST OIL & GAS

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- Military/Navy
- Fluid Control
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- Textile Mills
- Wood Products (Pulp & Paper)
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- Pharmaceutical
- Agriculture

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