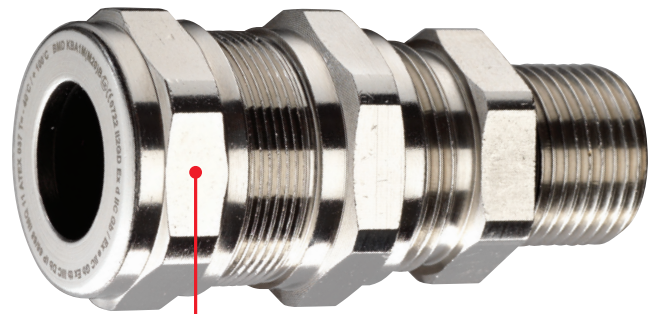


Making a difference in extreme temperatures with extreme temperature installation products

ABB's dedicated extreme temperature products help solve your every day issues.



Extreme temperature protection with ATEX / IECEx double compression configuration.



EXSLH Conduit range

High temperature conduit with stainless steel core

- Conforms to: IEC61386 / UL94V2
- Temperature: Static -50°C to +130°C, Flexing -5°C to +130°C
- Material: Co-Polyester Covering, Stainless Steel Core, Cotton Packed (03-07), Interlocked (08-09)
- Flame Resistant
- Chemical and Oil Resistant
- Compatible with: EXQ, EXS, EXR, HA-G1 Fittings
- Also available with galvanized steel core

High temperature resistance with a stainless steel core



HA-G1 Barrier fitting

G1 Liquidtight fitting with Ex d e flameproof barrier

- Constructed from Stainless Steel with an epoxy resin barrier
- ATEX - Baseefa 16ATX0174X
- IECEx - IECEx BAS 16.0088X
- TR-CU - RU C-GB.AA87.B.00198
- I M2 II 2 GD Ex d e I Mb Ex d e IIC Gb Ex tb IIIC Db
- CSA: CSA 060582
- Class I Div 2 ABCD Class II Div 1 EFG
- Temperature: -60°C to +130°C
- IEC Ingress Rating: IP 66

Group I flameproof barrier gland, for all hazardous areas



C1 Series cable gland

Ex d e double compression cable gland

- Double compression for armoured cable, inner cable and outer sheath
- Wide cable clamping range
- Good corrosion resistance
- Operating temperature range (normal use): -40°C to +100°C (-40°F to +212°F)
- IEC Ingress Rating: IP 66 - IP 68 rating (5-Bar 30 mins)
- Nickel plated brass or Stainless steel 316L, Chloroprene seals
- Suitable for use with: SWA, SWB, AWA, STA
- C2 series for Ex d e single compression

ATEX/IECEx metallic cable glands for armoured cable, offering a double compression configuration



ABB Installation Products
F&B Extreme temperatures



ABB Installation Products
F&B Corrosion resistance



ABB Installation Products
F&B Anti-microbial

ABB extreme temperature installation products

for plant continuity and consistent operations



**Dedicated
F&B products**



Trusted partner



**Free of cost
plant assesment**



**Sustainable
solutions**

The impact of extreme temperatures that special F&B installation products can help avoid:

- **Increased plant floor usage:** Ambient temperature increase due to reduced equipment size and increased plant floor usage
- **Rapid temperature swings:** Dryers and coolers or ovens and flash freezers directly in line with one another, causing rapid temperature swings stressing electrical systems
- **Thermal expansion and contraction:** Repeated expansion and contraction potentially damages conduit systems
- **Components in cold areas:** Components can become brittle and fail at low temperatures, particularly with frozen food processing
- **Components in high temperatures:** Components near ovens can soften, fail and burn in high temperatures, potentially damaging nearby equipment or contaminate food products

Working with an ABB Installation Products specialist:

- **Broad and innovative offering:** the latest technologies of world leading brands
- **Local availability:** the installation products you need on hand at your local supplier
- **Qualified technical personnel:** to assist you quickly getting your plant back online
- **Installation training certification:** to help ensure plant sustainability

Free of cost factory assessment:

- The **Plant Installation Product Assessment** conducted by ABB is a no-cost, confidential service that helps food and beverage processors find and address existing and potential electrical issues
- **Customized proposal:** after assessing your facility's installation system concerns, ABB provides a customized proposal of solutions that can help optimize your plant's systems

Long term, sustainable solutions

- **Supporting clean-in-place (CIP):** High-performance electrical systems to work in clean-in-place (CIP) sanitation processes
- **Increasing operational equipment effectiveness (OEE):**
 - Extending the plant lifecycle
 - Reducing your capital expenditures



**ABB Installation
Products Plant
assessment**



Talk to us

for a technical answer to your question
from our Technical Sales Team:



888-862-3289



techsupport@us.abb.com

electrification.us.abb.com

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