

Cable Gland Components by Cabex India

Secure your electrical connections with industrial-grade excellence.
Trusted solutions for critical installations worldwide.



What Are Cable Glands?



Cable glands are mechanical devices that securely fasten and seal cables entering electrical enclosures or equipment, providing comprehensive protection and reliability.

Secure Entry

Mechanically secure cables entering enclosures with precision-engineered grip and hold

Environmental Sealing

Provide robust protection against dust, moisture, chemicals, and extreme conditions

Strain Relief

Prevent cable damage from tension, pulling, vibration, and mechanical stress

Key Components of Cable Gland Assemblies

Each cable gland is a sophisticated assembly of precision-engineered components working together to deliver superior performance and protection.



Cable Gland Body

The main structural component that holds the cable firmly in place whilst resisting mechanical stress, vibration, and environmental factors



Sealing Rings & Washers

Critical elements ensuring watertight, dustproof seals with IP68 rating for complete ingress protection in demanding applications



Locknuts

Secure glands firmly to equipment, preventing loosening from vibration and maintaining installation integrity over time



Strain Relief Parts

Protect cables from mechanical stress, pulling forces, and movement, extending cable life and preventing premature failure



Earthing Kits

Provide essential electrical continuity and safety grounding, protecting personnel and equipment from electrical hazards

Types of Industrial Cable Glands by Cabex India

Cabex India offers a comprehensive range of cable glands engineered for specific cable types and environmental conditions, ensuring optimal performance across diverse industrial applications.

A2 Series

Designed for unarmoured and braided cables, suitable for both indoor and outdoor installations

BWL & CW Series

Specialised for single wire and aluminium wire armour cables requiring robust protection

CX Series

Engineered for wire braid, strip, and steel tape armour cables in demanding environments

E1W & E1X

Double compression glands with inner bedding and outer sheath sealing for maximum protection

WIP68 Series

High ingress protection rated glands for the harshest industrial and outdoor environments

Materials & Build Quality

Cabex India manufactures cable glands using premium materials selected for specific application requirements, ensuring durability, corrosion resistance, and long-term reliability.

All products conform to rigorous international standards: BS EN 62444, IEC 62444, and BS 6121:Part 1:1989.



Brass

Robust, corrosion-resistant material with explosion-proof options available for hazardous locations and demanding industrial applications



Stainless Steel

Exceptionally durable for highly corrosive atmospheres, marine environments, and chemical processing facilities



Aluminium

Lightweight yet sturdy solution offering excellent strength-to-weight ratio for portable and weight-sensitive installations



Plastic

Ideal for lightweight, non-metallic applications requiring electrical insulation and resistance to chemicals

Unique Features of Cabex India Cable Glands



Wide Cable Clamping Range

Accommodates versatile cable diameters, reducing inventory requirements and simplifying installation



Multiple Thread Types

Metric, NPT, PG, and BSP threads ensure global compatibility with international equipment standards



Anti-Vibration Design

Serrated locknuts and rubber seals maintain secure connections even in high-vibration environments



Chemical Resistance

Engineered to withstand exposure to oils, solvents, acids, and aggressive industrial chemicals



IP68 Certification

Guaranteed dust-tight and waterproof protection, tested for continuous immersion and extreme conditions

Accessories & Adaptors

Cabex India provides a comprehensive range of accessories and adaptors to enhance installation flexibility, ensure proper grounding, and maintain system integrity across diverse applications.

- **Thread Conversion Adaptors**

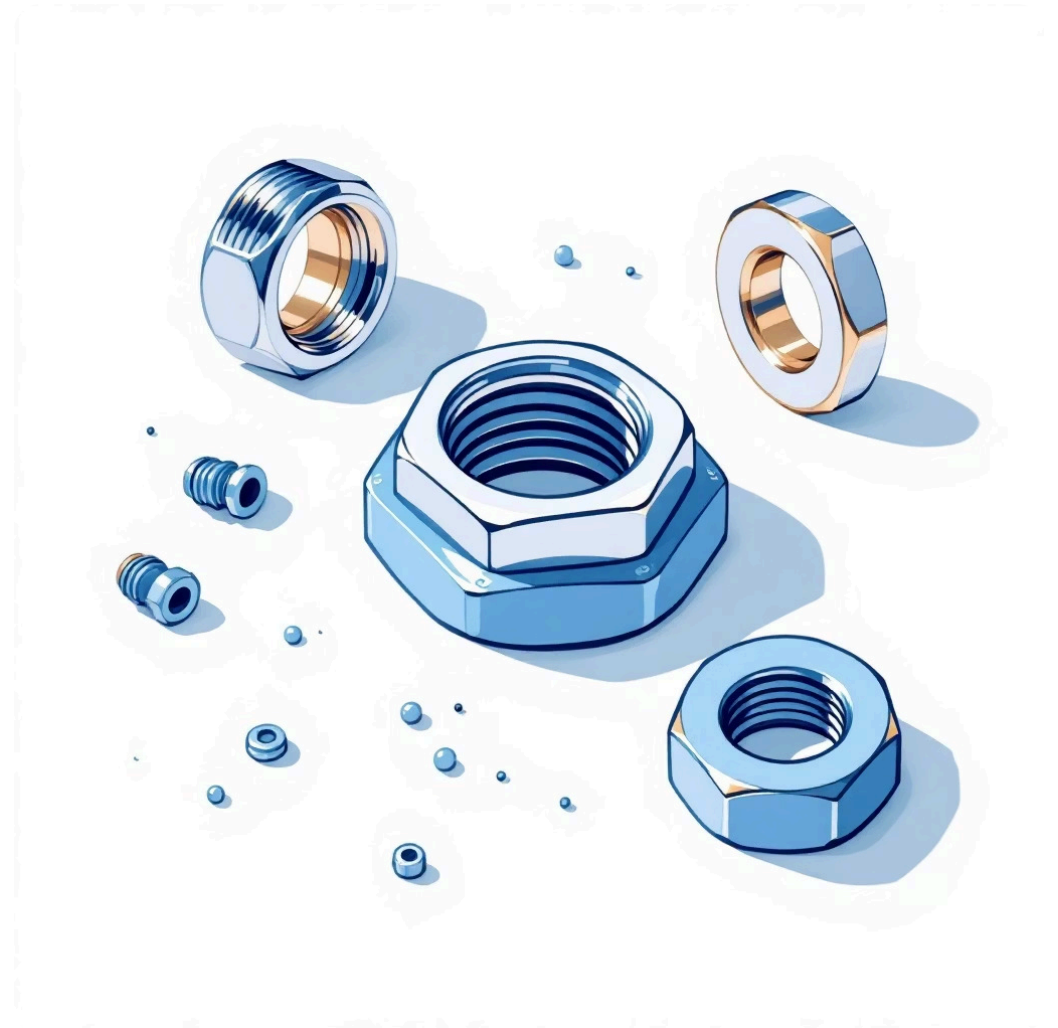
Seamlessly connect different thread sizes and types, ensuring compatibility across international standards and equipment

- **Blanking Plugs**

Securely seal unused cable entries, maintaining IP ratings and preventing ingress of dust, moisture, and contaminants

- **Earth Tags & Earthing Accessories**

Ensure proper grounding and electrical safety, meeting stringent safety regulations and protecting personnel



- **Lock Nuts & Washers**

Serrated washers, nylon, and fiber washers enhance installation integrity and prevent loosening over time

- **Protective Shrouds**

Shield gland surfaces from dust accumulation, moisture buildup, and physical damage in harsh environments

Industrial Applications & Global Reach

Cabex India cable glands are trusted across diverse industries and challenging environments worldwide, delivering reliable performance in critical installations.



Manufacturing

Essential for production facilities, automation systems, and industrial machinery installations



Telecommunications

Protecting critical communication infrastructure and data transmission networks



Electrical Engineering

Securing power distribution, control systems, and electrical installations



Hazardous Areas

Explosion-proof solutions for oil & gas, chemical processing, and mining operations



Trusted worldwide: Clients across Europe, UK, Australia, Middle East, and Far East rely on Cabex India for custom solutions tailored to specific industry needs and requirements.

An illustration of two scientists, a woman and a man, working in a laboratory. They are both wearing white lab coats and gloves. The woman is holding a tablet and pointing at a glowing circular device with a lightning bolt symbol. The man is also holding a tablet and looking at the same device. On the lab bench in front of them are various items: a bowl of fruit, a bottle of water, a beaker, and some papers. In the background, there are potted plants and a large window showing a night sky with stars and a small satellite or planet. A large, glowing light fixture hangs from the ceiling, casting a beam of light on the scientists and the device they are working on.

Certifications & Quality Assurance

Cabex India maintains the highest standards of quality and safety, with comprehensive testing and certification ensuring reliable performance in the most demanding applications.



ISO Certified

Internationally recognised quality management systems ensuring consistent excellence



Hazardous Location Standards

ATEX, IECEx, and PESO certified for safe operation in explosive atmospheres



IP68 Rated

Rigorously tested for complete water immersion and dust ingress protection



Reliability Commitment

Dedicated to safety, durability, and long-lasting performance in critical installations

Why Choose Cabex India?

1

Leading Manufacturer

Premier supplier of precision-engineered cable gland components

100+

Product Variants

Comprehensive range covering all industrial requirements

50+

Countries Served

Global delivery with trusted service worldwide

Secure your connections with Cabex India — Excellence you can rely on!

Expert guidance, custom solutions, competitive pricing, and unwavering commitment to quality. Partner with us for cable gland components that deliver superior performance, safety, and reliability in every installation.

