

Product Overview

Cable glands, conduits and accessories for OEM, panel builders and machine builders

Cable management solutions for OEMs



EATON

Powering Business Worldwide

Competencies

About us

Your challenges

Shorter product lifecycles, rising costs, tougher competition, etc., facing this, Industry must inspire confidence with new, efficient, connected and reliable machines ensuring volumes and cost effectiveness.

Eaton - your partner

In offering you a complete range of products to guarantee safety and efficiency with your electrical connections and eliminate any risks of mechanical or technical damage, Eaton asserts itself as your cable management partner.

Our solutions

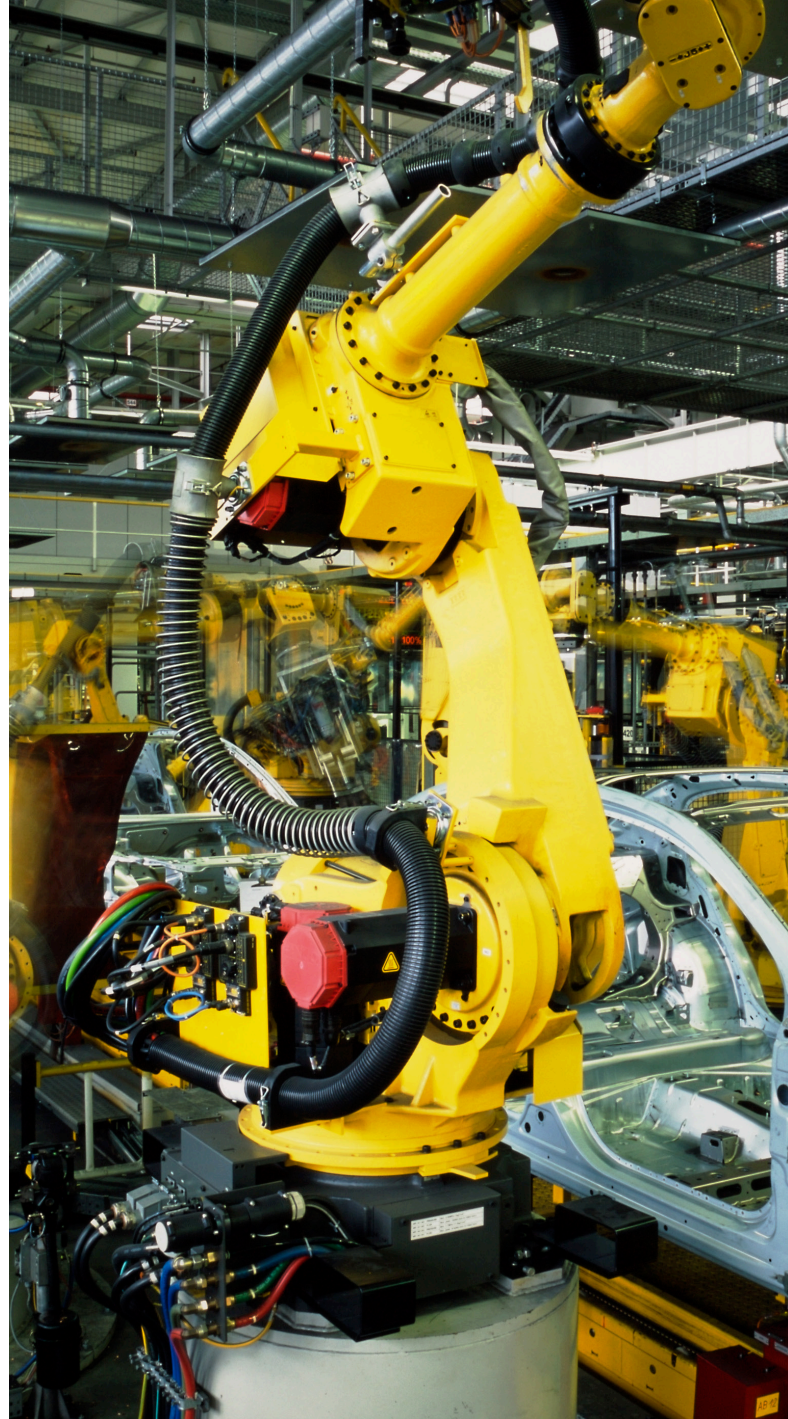
Eaton's solutions for manufacturing and industrial applications are engineered to provide reliability, longevity and efficiency in the most demanding environments. They are supported by a comprehensive global network of Eaton engineering and manufacturing facilities in all major industrial regions and factory trained authorized distributors, who provide a local point of contact virtually anywhere in the World.

Our contribution

Eaton helps increase uptime, reduce labour costs and drive safe cable routing throughout your operations. Our portfolio of time-tested, field-proven cable glands and conduit products help minimize the unacceptable cost of downtime and meet critical operating challenges day after day.

With Eaton,

Eaton's wide range of cable glands, conduit and fittings offer a solution to your machine building needs, from food production to heavy industrial applications. With high quality products and globally recognised certification, you can be sure that Eaton will help you stay competitive and safe.



Benefits

- Quick and easy installation
- Maintenance free
- Reliability
- Cost effective
- Long service life
- Protection against environmental ingress
- Global approvals
- Part of overall Eaton solution

Standards and compliances

- EN 62444
- NF 60423
- BS 6121
- RoHS / REACH
- RU certification
- Ingress protection (IP) to EN 60529
- Electromagnetic compatibility (EMC)
- 7J impact tested
- UV resistant

Cable glands and accessories

Eaton offers a wide range of metallic and non-metallic cable glands to suit your electrical power, control, instrumentation, data and telecom applications.

1. Non-metallic cable glands
2. Metallic non-armoured cable glands
3. Cable gland accessories

Cable glands are meant to ensure the tensile strength and seal the outer sheath braided armoured and/or non-armoured cables. They are suitable for all environments.

- Certified to EN 62444 / B.S 6121 (dependent on model)
- IP ratings IP64 to IP68
- Wide clamping ranges
- Wide operating temperature ranges
- Metric and Pg thread forms available
- Extensive range of metallic and plastic accessories
- Compact design for confined areas
- Reduced installation time

1. Non-metallic cable glands

Non-metallic cable glands manufactured in polyamide, are suitable for non-armoured cables and have an IP68 rating.

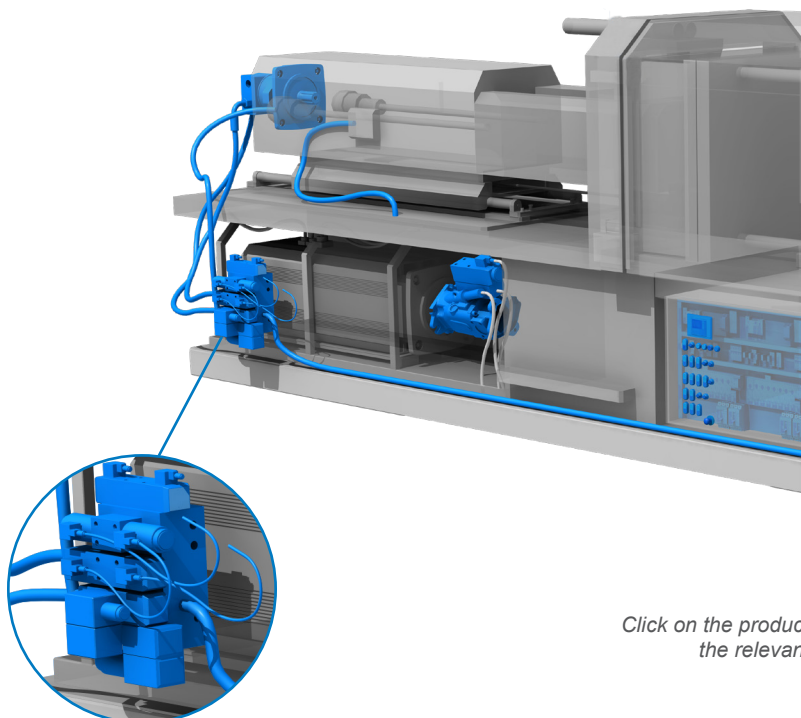
The UNICAP is a versatile plastic cable gland range with a temperature range of -20°C to +100°C with thermoplastic sealing rings and is rated to IP68 for ultimate protection from dust and water for use in various industrial and residential applications. The ECP range is a more compact solution with a PVC sealing ring suitable for temperatures from -5°C to +70°C. In addition, the colour of the sealing ring is different according to the size of the cable gland which allows a quick and easy identification.



UNICAP



ECP



Click on the product image to view the relevant information.

3. Cable gland accessories

Eaton offers a wide range of accessories for cable glands and equipment, including adaptors, reducers, stopping plugs, plus sealing and securing accessories such as washers and locknuts.

Thread forms are metric and Pg as standard, with other thread forms including NPT also available.



2. Metallic non-armoured cable glands

The NEWCAP range of cable glands is suitable for non-armoured or braided armoured cables and manufactured in nickel-plated brass as standard with a temperature range of -20°C to +80°C. NEWCAP gland models include stainless steel, EMC application suitability and multi-wire / flat cable options.

NORMADIX and ISOCAP models are more compact solutions with a PVC sealing ring suitable for temperatures -5°C to +70°C. In addition, the colour of the sealing ring is different according to the size of the cable gland which allows a quick and easy identification.



NEWCAP



ICOCAP



NORMADIX

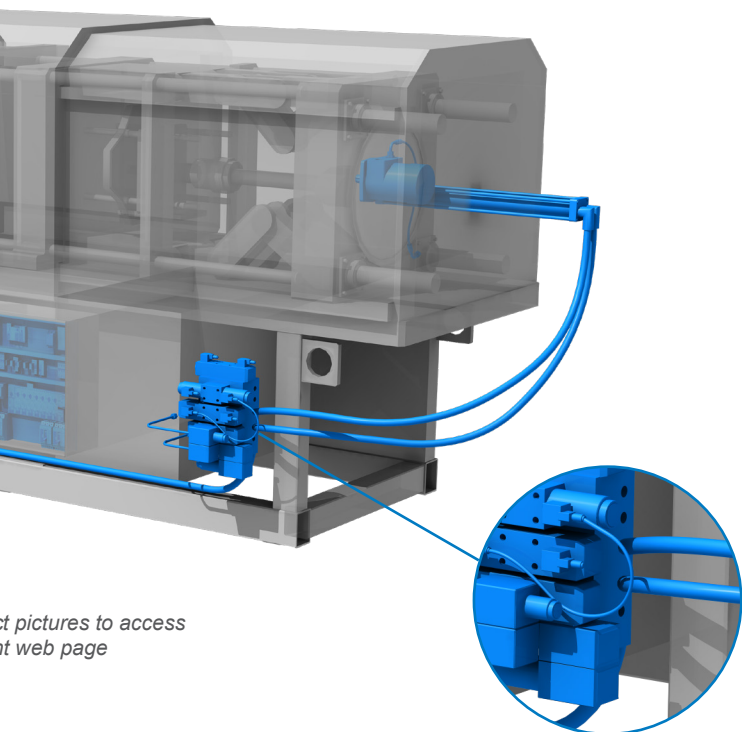
Overview

Flexible conduit and fittings

Eaton offers a variety of metallic and non-metallic flexible conduits and fittings to ease the installation and protection of cables in indoor and outdoor industrial environments.

4. Non-metallic flexible conduit and fittings
5. Metallic flexible conduit and fittings
6. Heavy duty metallic conduit and fittings

- Scalable and modular
- Extensive choice of fitting types and thread forms.
- UV resistant
- Halogen free



Click on the pictures to access
the product web page

5. Metallic flexible conduit and fittings

CAPRIPLAST flexible conduit is available in zinc-plated steel or stainless steel 304L, both encased in grey PVC, and an operating temperature range of -5°C to +60°C.

Offering a very good tensile strength and crush resistance, CAPRIPLAST is particularly suitable for harsh industrial environments with high mechanical stresses. The JUDODIX fitting is the recommended connector for the CAPRIPLAST conduit. Available in nickel-plated brass or stainless steel 316L, the JUDODIX fitting has a polyethylene end cap, with male or female threads in metric or Pg thread forms and performs an IP66.



CAPRIPLAST



JUDODIX

4. Non-metallic flexible conduit and fittings

The CAPRILOK range offers multiple versions of spiral plastic conduits for various applications, including solutions for dynamic uses, reinforced for enhanced resistance and specialist robotic options.

All CAPRILOK flexible conduits are UV resistant, halogen free, self-extinguishing and non-magnetic. With an operating temperature range from -40°C to +120°C, they also offer a very good tensile strength and crush resistance.

Combined with the CAPRILOK fittings in various styles, polyamide and nickel plated brass, the CAPRILOK range offers comprehensive, flexible, efficient and safe solutions.



CAPRILOK
conduits



CAPRILOK
fittings

6. Heavy duty metallic conduit and fittings

The CAPRIPLAST GS flexible conduit is manufactured from galvanised steel, with a PVC sleeve and braided galvanised steel cover.

With an operating temperature range of -15°C to +70°C, the CAPRIPLAST GS is particularly suitable for industrial environments where EMC protection is needed or for applications with high mechanical abrasion risks. The CAPRIPLAST GS also has complimentary fittings in nickel plated brass, available in fixed, swivel and HCEM models for enhanced IP protection.



CAPRIPLAST GS
conduit



CAPRIPLAST GS
fittings

Oil and gas

Fueling the world is a demanding and challenging job. From exploration and recovery to filtration and refining in often harsh and hazardous conditions, discover how our ATEX cable management solutions help the oil and gas industry to eliminate risks at the design stage of an installation, but also during operation and maintenance.



Mining

While the demand for material is increasing, declining ore grades are putting pressure on every aspect of your mining operation. Trust us to help you reduce risks and operating costs, increase uptime and focus on safety thanks to our high quality products designed for use in harsh environments.

Nuclear

Experience counts. Rely on Eaton's century of innovation and expertise managing electrical power. When the first commercial nuclear reactors were commissioned in the 1970s, we were there. In fact, Eaton's Westinghouse, Cutler-Hammer and Moeller legacy products are installed in more than half of all commercial nuclear plants in the United States and Canada. Our cable glands and conduits offer is certified and supports you in your developments.



Marine

The sea is a harsh environment. The difficulties of accessing parts and expertise, and of carrying out maintenance and repair whilst out of dock, will only magnify the problems and the potential costs and losses, in addition to their impact on business performance. Eaton is the leader in safety solutions for marine and offshore operations, providing certified, clever and reliable cable glands, guaranteeing safe access to efficient and sustainable power, whether aboard or ashore.

Rail

Railways ensure that the world's never-ending flow of goods, services and people never stops. Every stop along the way, we are helping train builders, owners and operators work toward a more sustainable future with our rail solutions offering wide temperature and clamping ranges as well as an optimum resistance to aggressions of this harsh environment.





Powering Business Worldwide

Eaton is a power management company. We help our worldwide customers to manage energy they need for their buildings, their planes, car and trucks, their machines and their enterprises.

Our innovative technologies accompanies our customers effectively manage electrical, hydraulic and mechanical power more efficiently, safely and sustainably.

Eaton is dedicated to improving the quality of life and the environment through the use of power management technologies and services.

Eaton, with 2019 sales of \$21.4 billion, has approximately 101,000 employees and sells products to customers in more than 175 countries.

Discover our product ranges on [Eaton.com](https://www.eaton.com)

Register to our contact database [here](#)

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