

Cable Glands | METALLIC CABLE GLANDS

GRIPLOC® STAINLESS STEEL CABLE GLANDS

304 Grade Stainless Steel

304 Stainless Steel 18/8 (18% chromium 8% nickel) is the most widely used of all Stainless Steel types. Due to its composition, corrosion and heat resistance and its mechanical properties, grade 304 is used in all fields of industrial, commercial and domestic manufacturing. 304 Stainless Steel shows excellent corrosion and oxidation resistance in a range of atmospheric environments and many corrosive substances.

316 Grade Stainless Steel

Stainless steel 316 contains an addition of molybdenum that gives it improved corrosion resistance. This is particularly apparent for pitting and crevice corrosion in chloride environments. 316L, the low carbon version of Stainless steel 316, is immune to grain boundary carbide precipitation (sensitisation). This makes it suited to use in heavy gauge (over about 6mm) welded components.

Approximate time to 1mm pitting (years)

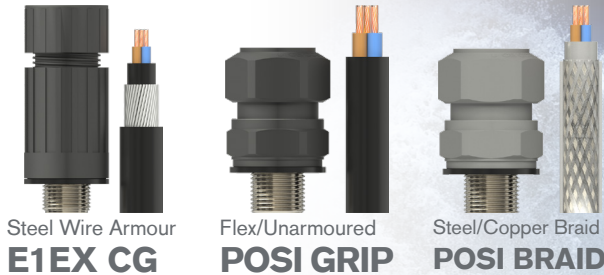
Environment	304 Grade	306 Grade
Marine	135	260
Industrial	145	525
Rural	770	1200

• Micro climate conditions should also be taken into account when selecting the stainless steel product.

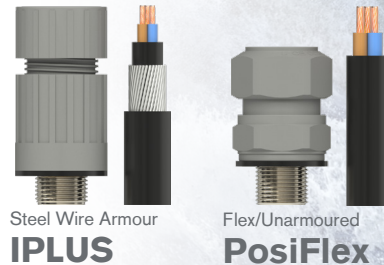
Shroud or No Shroud...?

For what seems like aeons, in the cable and electrical installation industry, the age-old argument for the use of a protective shroud to cover the terminated cable gland – or not, has rumbled on. Some of the arguments for the use of a shroud could be, extra protection from foreign bodies, such as dust, dirt, or falling debris given the specific application. Protection from moisture and water, either natural, rain, sea spray, dew or condensation. All of which are perfectly plausible given that the correct size of shroud is used for the gland and that it looks like a finished job. While on the other hand the above could be used in the argument for not using a shroud at all as it could be deemed that the shroud actually harbours the collection of water and moisture which will contribute to corrosion which is exactly what we don't want in the installation. And so, may be the use of our CCG IPlus Corrosion Guard Cable gland for non hazardous area use, or CCG E1EX Corrosion Guard Cable gland for Hazardous area use. Both have a screw on Corrosion Guard Shroud manufactured from corrosion resistant non-metallic material providing total enclosure of the steel wire armour and metal parts of the gland. If the cable is non steel wire armoured then have a look at our CCG Posi Grip and Posi Braid again for use in hazardous and non hazardous applications.

Hazardous Area (see p.140)



Industrial Area (see p.130)



Also Available...



Should you prefer not to use any form of shroud then Petro tape is also an alternative, offering a weatherproof seal, stopping the ingress of water and moisture, preventing corrosion when wrapped around the gland or joints correctly.

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