

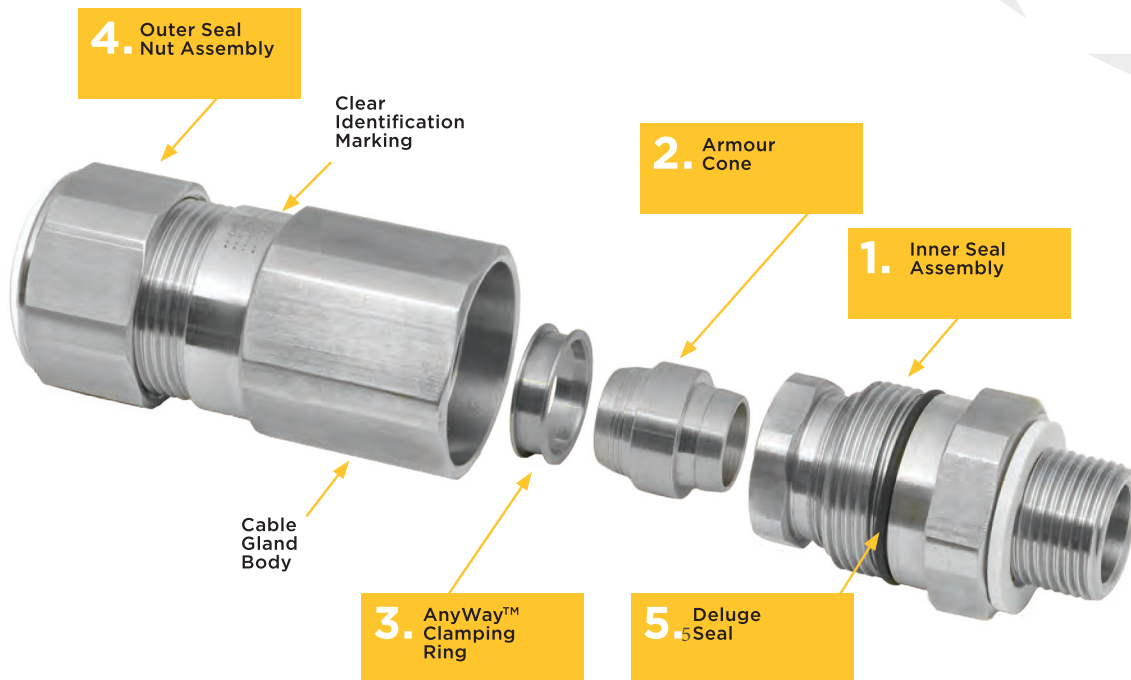
CMP PRODUCTS CABLE GLANDS - THE KEY FEATURES

CMP has a wide range of cable glands available to suit different cables, environments and applications and it is imperative that the correct cable gland is selected for the correct scenario.

The range covers cable glands for standard industrial application through to explosive atmosphere cable glands which provide additional levels of protection.

A typical CMP double seal cable gland is shown below and illustrates the complexity of engineering that goes into securing cables and infrastructure. This particular example would be typical of a cable gland used in an explosive atmosphere.

TYPICAL CMP DOUBLE SEAL CABLE GLAND



1.

INNER SEAL ASSEMBLY

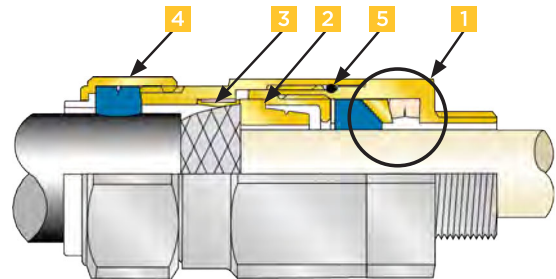
The possibility of cable damage caused by inadvertent over-tightening is eliminated through CMP's unique inner sealing principle. This is achieved using a displacement seal that is independently controlled by the user during installation. The method differs from other cable gland types because the activation of the inner sealing ring is separated from the armour clamping components.

The Compensating Displacement Seal System (1) has helped CMP to take its original displacement sealing ring concept to another level. The unique compensator has allowed the cable gland components to be fully tightened metal-to-metal and relieve the potential excess forces that could be transferred to the cable bedding, eliminating cable damage.

2/3.

ARMOUR CONE AND ANYWAY™ CLAMPING RING

CMP Products' armour clamping method involves a unique termination solution that ensures a permanent crimping of the cable armour, creating a low impedance 360° connection that does not self-loosen. The patented AnyWay™ clamping ring aids an easy 'right-first-time' installation. Secure armour clamping like this also contributes to enhanced levels of EMC performance and creates reliable earth continuity.



4.

OUTER SEAL NUT ASSEMBLY

The unique CMP Outer Seal Tightening Guide (OSTG) and Load Retention Sealing Ring (LRS) ensure an IP/NEMA rated seal is formed against the cable to the correct degree. This is also applicable to our sealing rings on unarmoured cable glands.

5.

DELUGE SEAL

CMP Products integrated 'O' ring deluge seal (tested to DTS 01:91) prevents corrosion of the cable armour by ensuring that moisture cannot track around the cable gland threads and into the armour termination body. As an internally enclosed deluge seal the 'O' ring is protected from mechanical damage and