Cable glands approved for Group I mining applications are also available from CMP Products for a wide variety of cable types.
CONTENTS

CABLE GLANDS FOR HAZARDOUS AREAS

T3CDS & T3CDS/PB  1
E1FW & E2FW  2
E1FX & E2FX  3
E1FU & E2FU  4
PX2K & PSX2K  5
RAPID Ex  6
PX2K-REX & PSX2K-REX  7
A2F, A2FRC, A2-FC  8
A2PE, SS2K, C2K  9
CWE, CXE, C2XK  10
PX2K-REX, TMC2, TMC2X  11

CABLE GLANDS FOR INDUSTRIAL AREAS

BX, CW, A2, SS2KGP, SS2KGP/PB, EU1  12

CONVERSION, ADAPTORS, REDUCERS & ACCESSORIES

TYPE 737 - ADAPTOR/REDUCER  14
TYPES 757, 757, 767 - STOPPER PLUGS  15
TYPE 781 - BREATHER/RAIN PLUG  16
TYPE 777 - INSULATED ADAPTOR  17

TYPE 780 - UNIONS  18
TYPE 797 - ADAPTORS  19
LOCKNUTS, SERRATED WASHERS, EARTH TAGS, SHROUDS & ENTRY  20
THREAD SEALS  21

SELECTION INFORMATION

CABLE GLANDE SELECTION GUIDELINES  22
ORDERING INFORMATION  23
CABLE GLAND SELECTION CHARTS  24

TRITON CDS - T3CDS

Cable glands and cable connectors are available in a variety of materials including Brass, Nickel, Plated Brass, Aluminium, and Stainless Steel, and with a variety of thread forms. A full range of installation accessories is also available on request.
**SEALING CABLES IN HAZARDOUS AREAS**

**E1FW TRISTAR**

**Flameproof Ex d, Increased Safety Ex e and Restricted Breathing Ex nR Cable Gland**

CMP Type E1FW Tri-Star Triple Certified Flameproof (Type ‘d’), Increased Safety (Type ‘e’), and Restricted Breathing (Type ‘nR’) cable gland for use in Zone 1, Zone 2, Zone 21 & Zone 22 Hazardous Areas with Lead Sheathed & Single Wire Armour (SWA) cable.

Separate tightening actions for the inner displacement seal and the armour termination afford maximum control over the pressure applied to cable bedding, and also allow the effectiveness of the gas tight seal to be tested. A detachable armour cone and AnyWay clamping ring arrangement facilitates remote make off and enables the cable to be disconnected from the equipment. An environmental / load retention seal is provided on the cable outer sheath.

All CMP Cable Glands are EMC tested.

**Additional Approvals Held**

- IECEx SIR 06.0043X
- ATEX 1 SIRATEX E2FW, SIRATEX E1FW

**Technical Data**

- **Temperature Rating**: +40 °C TO +130 °C
- **Cable TYPE**: Lead Sheathed & Single Wire Armour (SWA)
- **Sealing Area(s)**: Cable inner bedding & Outer Cable Sheath

**E2FW TRISTAR**

**Flameproof Ex d, Increased Safety Ex e and Restricted Breathing Ex nR Cable Gland**

CMP Type E2FW Tri-Star Triple Certified Flameproof (Type ‘d’), Increased Safety (Type ‘e’), and Restricted Breathing (Type ‘nR’) cable gland for use in Zone 1, Zone 2, Zone 21 & Zone 22 Hazardous Areas with Lead Sheathed & Single Wire Armour (SWA) cable.

Separate tightening actions for the inner displacement seal and the armour termination afford maximum control over the pressure applied to cable bedding, and also allow the effectiveness of the gas tight seal to be tested. A detachable armour cone and AnyWay clamping ring arrangement facilitates remote make off and enables the cable to be disconnected from the equipment. An environmental / load retention seal is provided on the cable outer sheath.

All CMP Cable Glands are EMC tested.

**Additional Approvals Held**

- IECEx SIR 06.0043X
- ATEX 1 SIRATEX E2FW, SIRATEX E1FW

**Technical Data**

- **Temperature Rating**: +40 °C TO +130 °C
- **Cable TYPE**: Lead Sheathed & Single Wire Armour (SWA)
- **Sealing Area(s)**: Cable inner bedding & Outer Cable Sheath

www.cmp-products.com
### Flameproof Ex d, Increased Safety Ex e and Restricted Breathing Ex nR Cable Gland

**E1FU TRI-STAR**

**CMP Type E1FU Tri-Star Triple Certified Flameproof (Type ‘d’), Increased Safety (Type ‘e’)** and Restricted Breathing (Type ‘nR’), indoor and outdoor cable gland for use in Zone 1, Zone 2, Zone 21 and Zone 22 Hazardous Areas with all types of armoured cable. This cable gland provides a flameproof seal on the cable inner bedding and in addition the gas tight seal has been tested to prove compatibility with Restricted Breathing equipment. The cable gland allows mechanical cable retention and earth continuity via the cable armour termination. Separate tightening actions for the inner Displacement Seal and the Armour Termination afford maximum control over the pressure applied to the cable bedding, and also allows the effectiveness of the gas tight seal to be tested.

A reversible armour cone and AnyWay clamping ring arrangement facilitates remote make off and enables the cable to be disconnected from the equipment. An environmental / load retention seal is provided on the cable outer sheath.

The CMP E1FU Tri-Star Cable Gland is suitable for use with all forms of equipment protection permitted in Zone 1, Zone 2, Zone 21 & Zone 22 provided always that the prevailing code of practice for selection and installation is observed, e.g. IEC 60079-14.

**APPROVAL DETAIL**

- **ATEX:** SIRA06ATEX1097X, SIRA07ATEX1210X
- **Code of Protection Category:** 2 II 2GD Ex d IIC, Ex e II, Ex d IIC, Ex e IIC, Ex d IIC Ex e IIC 1345-058.51:1995, Ex d IIC, Ex e IIC, 1345-058.51:1995 IECEx 11562-06.0549X
- **Ingress Protection:** IP66, IP54
- **Additional Approvals Held:** CSA, GOST R (POCC GB. 1506.3002307), GOST K (KZ 7500501.01.014761), ABS, DNV, LL0DS, INMETRO

**TECHNICAL DATA**

- **TEMPERATURE RATING:** -60°C TO +100°C
- **CABLE TYPE:** Single Wire Armour (SWA), Aluminium Wire Armour (AWA), Steel Tape Armour (STA), Wire Braid Armour (e.g. SWA), Aluminium Strip Armour (ASA), Flexible Wire Braid Armour (e.g. CY / ST), Armoured & Isolating,
- **SEALING AREA(S):** Cable Inner Bedding & Outer Cable Sheath

### Flameproof Ex d, Increased Safety Ex e and Restricted Breathing Ex nR Cable Gland

**E2FU TRI-STAR**

**CMP Type E2FU Tri-Star Triple Certified Flameproof (Type ‘d’), Increased Safety (Type ‘e’)** and Restricted Breathing (Type ‘nR’), indoor and outdoor cable gland for use in Zone 1, Zone 2, Zone 21 and Zone 22 Hazardous Areas with all types of armoured cable. This cable gland provides a flameproof seal on the cable inner bedding and in addition the gas tight seal has been tested to prove compatibility with Restricted Breathing equipment. The cable gland allows mechanical cable retention and earth continuity via the cable armour termination. Separate tightening actions for the inner Displacement Seal and the Armour Termination afford maximum control over the pressure applied to the cable bedding, and also allows the effectiveness of the inner lead covering or lead sheath.

Separate tightening actions for the inner Displacement Seal and the Armour Termination afford maximum control over the pressure applied to the cable inner lead covering, and also allows the effectiveness of the gas tight seal to be tested. A detachable universal armour cone and AnyWay clamping ring arrangement facilitates remote make off and enables the cable to be disconnected from the equipment. An environmental / load retention seal is provided on the cable outer sheath.

The CMP E2FU Tri-Star Cable Gland is suitable for use with all forms of equipment protection permitted in Zone 1, Zone 2, Zone 21 & Zone 22 provided always that the prevailing code of practice for selection and installation is observed, e.g. IEC 60079-14.

**APPROVAL DETAIL**

- **ATEX:** SIRA06ATEX1097X, SIRA07ATEX1210X
- **Code of Protection Category:** 2 II 2GD Ex d IIC, Ex e II, Ex d IIC, Ex e IIC, Ex d IIC Ex e IIC 1345-058.51:1995, Ex d IIC, Ex e IIC, 1345-058.51:1995 IECEx 11562-06.0549X
- **Ingress Protection:** IP66, IP54
- **Additional Approvals Held:** CSA, GOST R (POCC GB. 1506.3002307), GOST K (KZ 7500501.01.014761), ABS, DNV, LL0DS, INMETRO

**TECHNICAL DATA**

- **TEMPERATURE RATING:** -60°C TO +100°C
- **CABLE TYPE:** Single Wire Armour (SWA), Aluminium Wire Armour (AWA), Steel Tape Armour (STA), Wire Braid Armour (e.g. SWA), Aluminium Strip Armour (ASA), Flexible Wire Braid Armour (e.g. CY / ST), Armoured & Isolating,
- **SEALING AREA(S):** Cable Inner Bedding & Outer Cable Sheath

### Flameproof Ex d, Increased Safety Ex e, Restricted Breathing Ex nR Compound Barrier Cable Gland

**PXSS2K**

**CMP Type PXSS2K Triple Certified Flameproof (Type ‘d’), Increased Safety (Type ‘e’)** and Restricted Breathing (Type ‘nR’), cable gland for use in Zone 1, Zone 2 & Zone 22 Hazardous Areas with all types of armoured cable providing a compound barrier seal around the cable conductors and an environmental seal on the cable outer sheath. The cable gland provides mechanical cable retention.

A combined detachable armour cone and compound tube, together with AnyWay universal clamping ring arrangement allows the cable to be easily disconnected from the equipment, for maintenance and change out etc, and re-connected with the same consummate ease. This feature also facilitates remote make off procedures when the termination is to be conducted in confined spaces or in areas of restricted access.

All CMP Cable Glands are EMC Tested.

The CMP PXSS2K cable gland is suitable for use with all forms of equipment protection permitted in Zone 1, Zone 2, Zone 21 & Zone 22 provided always that the prevailing code of practice for selection and installation is observed, e.g. IEC 60079-14.

**APPROVAL DETAIL**

- **ATEX:** SIRA06ATEX1097X, SIRA07ATEX1210X
- **Code of Protection Category:** 2 II 2GD Ex d IIC, Ex e II, Ex d IIC, Ex e IIC, Ex d IIC Ex e IIC 1345-058.51:1995, Ex d IIC, Ex e IIC, 1345-058.51:1995 IECEx 11562-06.0549X
- **Ingress Protection:** IP66, IP54
- **Additional Approvals Held:** CSA, GOST R (POCC GB. 1506.3002307), GOST K (KZ 7500501.01.014761), ABS, DNV, LL0DS, INMETRO

**TECHNICAL DATA**

- **TEMPERATURE RATING:** -60°C TO +100°C
- **CABLE TYPE:** Single Wire Armour (SWA), Aluminium Wire Armour (AWA), Steel Tape Armour (STA), Wire Braid Armour (e.g. SWA), Aluminium Strip Armour (ASA), Flexible Wire Braid Armour (e.g. CY / ST), Armoured & Isolating,
- **SEALING AREA(S):** Inner Compound Barrier & Outer Sheath
A revolutionary solution for barrier glands that also delivers increased reliability

RapidEx is a liquid pour, fast curing, liquid resin seal that installs in seconds and cures in minutes. Its unique formula begins with a low viscosity liquid that flows into the cable interstices completely surrounding the cable conductors, driving out the air in the process. The viscosity then increases and completely cures in minutes, dependent on ambient temperature.

RapidEx benefits

• Simple cable preparation,
• Easy liquid pour RapidEx resin application,
• Cleaner, faster mixing process,
• High consistency of liquid pour fill,
• Fully compatible with IEC & NEC wiring code rules,
• Thermal endurance / age tested to IEC 60079-0:2007,
• Fully compatible with IEC & CEC wiring code rules,
• High consistency of liquid pour fill,
• Coating is thick enough to form a tight bond around the cable conductors and the inside of the barrier tube creating a bond that is set for the life of the cable gland product. The RapidEx seal will never crack or shrink with changes in temperature.

Ease of application

During application the liquid resin flows between and around the cable conductors ensuring a complete and total seal with zero gaps. In the process of curing the RapidEx resin adheres to both the cable conductors and the inside of the barrier tube creating a bond that is set for the life of the cable gland product. The RapidEx seal will never crack or shrink with changes in temperature.

Faster curing

RapidEx liquid pour resin cures approximately 15 times faster than traditional clay based compound. RapidEx cures in 15 minutes at 40°C, and 30 minutes at 20°C.

Enhanced reliability

RapidEx offers users a combination of advantages not least of which is the enhanced reliability that the product delivers in ensuring that the form of equipment protection is not compromised in anyway.
Flameproof Ex d, Increased Safety Ex e and Restricted Breathing Ex nR Cable Gland

CMP Type A2F Triple Certified Flameproof (Type ‘V’), Increased Safety (Type ‘e’) and Restricted Breathing (Type ‘nR’) indoor and outdoor cable gland for use in Zone 1, Zone 2, Zone 21 and Zone 22 hazardous areas with un-armoured and braided cable providing a combined flameproof seal and environmental seal on the cable outer sheath. This product provides full compatibility with restricted breathing equipment that rely upon flammable gases being excluded from the main enclosure.

The CMP A2F Tri-Star Cable Gland is suitable for use with all forms of equipment protection permitted in Zone 1, Zone 2, Zone 21 & Zone 22 provided always that the prevailing code of practice for selection, installation and maintenance is observed, e.g. IEC 60079-14.

Flameproof Ex d, Increased Safety Ex e and Restricted Breathing Ex nR Cable Gland for Conduit Connection

CMP Type A2FRC Triple Certified Flameproof (Type ‘V’), Increased Safety (Type ‘e’) and Restricted Breathing (Type ‘nR’) indoor and outdoor conduit connection cable gland for use in Zone 1, Zone 2, Zone 21 and Zone 22 hazardous areas with un-armoured cable housed in rigid or flexible conduit systems. The cable gland provides a combined flameproof seal and environmental seal on the cable outer sheath. This product provides full compatibility with restricted breathing equipment.

The CMP A2FRC Tri-Star Cable Gland is suitable for use with all forms of equipment protection permitted in Zone 1, Zone 2, Zone 21 & Zone 22 provided always that the prevailing code of practice for selection and installation is observed, e.g. IEC 60079-14.

A2F-FC Tri Star

CMP Type A2F-FC Triple Certified Flameproof (Type ‘V’), Increased Safety (Type ‘e’) and Restricted Breathing (Type ‘nR’) indoor and outdoor cable gland for use in Zone 1, Zone 2, Zone 21 and Zone 22 hazardous areas with un-armoured and braided cable providing a combined flameproof seal and environmental seal on the cable outer sheath. This product provides full compatibility with restricted breathing equipment that rely upon flammable gases being excluded from the main enclosure.

The CMP A2F-FC Tri-Star Cable Gland is suitable for use with all forms of equipment protection permitted in Zone 1, Zone 2, Zone 21 & Zone 22 provided always that the prevailing code of practice for selection, installation and maintenance is observed, e.g. IEC 60079-14.

C2K Increased Safety Ex e Cable Gland

CMP Type C2K Increased Safety (Type ‘e’) cable gland for use in Zone 1, Zone 2, Zone 21 and Zone 22 Hazardous Areas with all types of armoured cable providing an environmental seal on the cable outer sheath. The cable gland being suitable for use with armoured cables provides mechanical cable retention and electrical continuity via armour wire termination. A reversible armour cone and AnyWay universal clamping ring arrangement allows the cable to be easily disconnected from the equipment, for maintenance and change out etc. This feature also facilitates remote make off procedures when the termination is to be conducted in confined spaces or in areas of restricted access.

The C2K CMP Cable Gland is suitable for use with Increased Safety Type ‘e’ and Flameproof Type ‘d’ enclosures that are equipped with a secondary increased Safety Type ‘e’ terminal enclosure (i.e. Ex de) provided always that no source of ignition prevails and the prevailing code of practice for selection and installation is observed, e.g. IEC 60079-14.
**Increased Safety Ex e Cable Gland**

CMP Type CWe Increased Safety (Type ‘e’) cable gland for use in Zone 1, Zone 2, Zone 21 and Zone 22 Hazardous Areas with Single Wire Armour (SWA) cable providing an environmental seal on the cable outer sheath. The cable gland being suitable for armoured cables, provides mechanical retention and electrical continuity via armour wire termination. The detachable armour cone and AnyWay universal clamping ring arrangement allows the cable to be easily disconnected from the equipment, for maintenance and change out etc., and re-connected with the same concentric ease. This feature also facilitates remote make off procedures when the termination is to be conducted in confined spaces or in areas of restricted access.

The CMP CWe Cable Gland is suitable for use with Increased Safety Type e and Flameproof Type d enclosures that are equipped with a secondary Increased Safety Type a terminal enclosure (i.e. Ex de) provided always that no source of ignition prevails and the prevailing code of practice for selection and installation is observed, e.g. IEC 60079-14.

**Approvals Details**

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**Technical Data**

- **Temperature Rating**: -60°C to +110°C
- **Cable Type**: Single Wire Armour (SWA), Steel Tape Armour (STA) cable providing an environmental seal on the cable outer sheath.
- **Sealing Area (A)**: 0.5 to 6.9 mm²

- **Cautions and Precautions**: This gland provides mechanical retention and electrical continuity via armoured wire termination. A combined detachable armour cone and ring arrangement allows the cable to be easily disconnected from the equipment, for maintenance and change out etc., and re-connected with the same concentric ease. This feature also facilitates remote make off procedures when the termination is to be conducted in confined spaces or in areas of restricted access.

**Sealing Cables in Hazardous Areas**

**Ordinary, Wet & Hazardous Location Cable Connector**

CMP C2W2 Cable Connector suitable for use with Armoured & Jacketed cables incorporating Wire Braid Armor in Ordinary, Wet & Hazardous Locations.

The cable connector provides mechanical retention and electrical continuity via the armor termination and is available in NPT (standard) or Metric thread forms. Standard material is Brass grade CuZn39Pb3 (CuSn4) EN12618 with Inner RapidEx Resin Barrier & Outer Sheath.

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**Technical Data**

- **Temperature Rating**: -60°C to +110°C
- **Cable Type**: Single Wire Armour (SWA), Aluminium Wire Armour (AWA), Steel Tape Armour (STA), Steel Armour (STA), Cable Outer Jacket

**Sealing Cables in Hazardous Areas**

**PX2XX-REX Flameproof Ex d, Increased Safety Ex e, Restricted Breathing Ex nr Resin Barrier Cable Gland**

PX2XX-REX cable gland is suitable for use with all forms of equipment protection permitted in Zone 1, Zone 2, Zone 21 and Zone 22 Hazardous Areas with Single Wire Armour (SWA) cable providing an environmental seal on the cable outer sheath. The PX2XX-REX cable gland is suitable for use with all forms of equipment protection permitted in Zone 1, Zone 2, Zone 21 & Zone 22 provided always that the prevailing code of practice for selection and installation is observed, e.g. IEC 60079-14.

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**Technical Data**

- **Temperature Rating**: -60°C to +130°C
- **Cable Type**: Single Wire Armour (SWA), Steel Tape Armour (STA), Single Wire Armour (SWA), Cable Outer Jacket

**Sealing Cables in Hazardous Areas**

**Sealing Cables in Hazardous Areas**

**Sealing Cables in Hazardous Areas**

**Sealing Cables in Hazardous Areas**

**Sealing Cables in Hazardous Areas**

**Sealing Cables in Hazardous Areas**

**Sealing Cables in Hazardous Areas**
BW Cable Gland
CMP BW type brass indoor cable gland for use with all types of Single Wire Armour (SWA) cable providing mechanical cable retention and electrical continuity via armour wire termination.
CMP BW type is also available, this design benefits from a longer body to protect the armour wires from impact.

CX Cable Gland
CMP CX type brass indoor & outdoor cable gland for use with all types of Wire Braid Armour, Strip Armour, Pliable Wire Armour & Steel Tape Armour (STA) cable providing an environmental seal on the cable outer sheath. The cable gland also provides mechanical cable retention and electrical continuity via armour wire termination.

CW Cable Gland
CMP CW type brass indoor & outdoor cable gland for use with all types of Single Wire Armour (SWA) cable providing an environmental seal on the cable outer sheath. The cable gland also provides mechanical cable retention and electrical continuity via armour wire termination.

A2 Cable Gland
CMP A2 type brass indoor & outdoor cable gland for use with all types of Unarmoured cable, providing mechanical cable retention and an environmental seal on the cable outer sheath. Suitable for applications where superior cable pull out resistance is required.

SS2KGP Cable Gland
Unarmoured cable, providing mechanical cable retention and an environmental seal on the cable outer and outer sheath, or a double seal on the cable outer sheath.

SS2KGP/PB Cable Gland
CMP SS2KGP/PB type brass indoor & outdoor cable gland for use with all types of lead sheathed Unarmoured cables, providing mechanical cable retention and an environmental seal on the cable inner lead sheath and cable outer sheath.
The cable gland also provides earth bonding of the inner lead covering or lead sheath.

E1U Cable Gland
CMP E1U type brass indoor & outdoor cable gland for use with all types of armoured cables providing an environmental seal on the cable inner bedding and on the cable outer sheath. The cable gland provides mechanical cable retention and electrical continuity via the armour termination.

E2U Cable Gland
CMP E2U type brass indoor & outdoor cable gland for use with all types of Lead Sheathed and Armoured cables providing an environmental seal on the inner lead sheath and on the cable outer sheath. The cable gland provides mechanical cable retention and electrical continuity via the armour termination and also earth bonding of the inner lead covering or lead sheath.

E1W Cable Gland
CMP E1W type brass indoor & outdoor cable gland for use with Single Wire Armour (SWA) cable providing an environmental seal on the cable inner sheath and on the cable outer sheath. The cable gland provides mechanical cable retention and electrical continuity via the armour termination.

E2W Cable Gland
CMP E2W type brass indoor & outdoor cable gland for use with all types of Lead Sheathed and Single Wire Armour (SWA) cable providing an environmental seal on the cable inner lead sheath and on the cable outer sheath. The cable gland provides mechanical cable retention and electrical continuity via the armour termination.

E1X Cable Gland
CMP E1X type brass indoor & outdoor cable gland for use with Wire Braid Armour, Strip Armour, Pliable Wire Armour & Steel Tape Armour (STA) cables providing an environmental seal on the cable inner bedding and cable outer sheath. The cable gland provides mechanical cable retention and electrical continuity via the armour termination.

E2X Cable Gland
CMP E2X type brass indoor & outdoor cable gland for use with all types of Lead Sheathed and Wire Braid Armour, Strip Armour, Pliable Wire Armour & Steel Tape Armour (STA) cable providing an environmental seal on the cable inner lead sheath and cable outer sheath. The cable gland provides mechanical cable retention and electrical continuity via the armour termination and also earth bonding of the inner lead covering or lead sheath.

A2DG Dome Top Cable Gland
CMP A2DG type indoor and outdoor non-metallic Dome Cap cable gland for use with all types of Unarmoured cables, providing an environmental seal on the cable outer sheath. A2DG cable glands are available in various colours and are supplied complete with locknut. Standard thread forms are metric to EN 60423. Standard versions are produced in Low Smoke and Fume (LSF) polymeric materials with UL 94 V2 rating. Alternative versions are available in Red coloured Flame Retardant, Low Smoke and Fume (LSF) and Halogen Free polymeric material with UL 94 V0 rating.

A2 200 Hex Head Series Cable Gland
Unarmoured cables, providing an environmental seal on the cable outer sheath. The A2 200 Hex head cable glands are available in various colours and are supplied complete with a locknut. Standard thread forms are metric to EN 60423. Standard versions are produced in Low Smoke and Fume (LSF) polymeric materials with UL 94 V2 rating. Alternative versions are available in Red coloured Flame Retardant, Low Smoke and Fume (LSF) and Halogen Free polymeric material with UL 94 V0 rating.
Stopper Plugs Types 747, 757, 767

Breather/Drain Plug Type 781

Insulated Adaptor Type 777

TYPE 737

The CMP Type 737 range of Thread Conversion Adaptors & Reducers are designed to provide flexibility and versatility in the execution of construction works when there is a conflict between the type or size of the cable gland thread and the cable entry hole in the equipment. These Thread Conversion Adaptors & Reducers are supplied with Male to Female connection threads and can be supplied with thread conversion between the forward and rear threads to either an increased or reduced size or a different thread type, e.g. Metric to NPT, or NPT to Metric.

TECHNICAL DATA

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Additional Approvals Held: CSA, GOST 8 (POCC GB. FG64000207), GOST K (KZ 7030061.01.01.1671), ABS, DNY, LLOYDS

TYPE 787

Breather/Drain Plug Type 781

Designed for increased safety Ex a apparatus that is susceptible to condensation or prone to moisture collection or ingress during normal operation. Designed to act both for inference free safety critical operations, the cable armour can still be connected to ground externally with a conflict between the type or size of the cable gland thread and the cable entry hole in the equipment. These Thread Conversion Adaptors & Reducers are supplied with Male to Female connection threads and can be supplied with thread conversion between the forward and rear threads to either a reduced size or a variety of different thread types, e.g. Metric to NPT, or NPT to Metric. A General Purpose Industrial version is also available.

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Additional Approvals Held: CSA, GOST 8 (POCC GB. FG64000207), GOST K (KZ 7030061.01.01.1671), ABS, DNY, LLOYDS

TYPE 780

The CMP Type 780 Metallic Union is designed to allow connection of rigid and flexible conduit, or terminated cable glands, to any fixed equipment. The 780 Union provides a means of an integral coupling arrangement that eliminates the need to rotate the conduit, or cable, to achieve a correct termination. The ease of installation offered by the 780 Union consequently makes the process of revenueing the conduit or other terminated cable entry device from the equipment simple, fast and effective one. Available in Brass, Aluminium or Stainless Steel these Unions are approved for use in conjunction with Ex d and Ex e certified equipment and cable entry devices, and can also be supplied with thread conversion between the forward and rear threads to either a reduced size or a variety of different thread types, e.g. Metric to NPT, or NPT to Metric. A General Purpose Industrial version is also available.

ATEX Code of Protection Category:

II 2 GD, Ex d IIC Gb / Ex e II Gb

Ex ta III C Da Component, Zone 1,2,21 & 22 - Gas Groups IIA, IIB, IIC

Additional Approvals Held: CEA, UL, GOST R (POCC GB. FG64000207), GOST K (KZ 7030061.01.01.1671), ABS, DNY, LLOYDS

Insulated Adaptor Type 777

The CMP Type 777 Insulated Adaptor allows the Metallic Cable Gland, and ultimately the cable armour, to be effectively isolated from the equipment. The use of these Adaptors has proven to be an essential precaution in Designed for increased safety Ex e apparatus that is susceptible to condensation or prone to moisture collection or ingress during normal operation. Designed to act both for inference free safety critical operations, the cable armour can still be connected to ground externally with a conflict between the type or size of the cable gland thread and the cable entry hole in the equipment. These Thread Conversion Adaptors & Reducers are supplied with Male to Female connection threads and can be supplied with thread conversion between the forward and rear threads to either a reduced size or a variety of different thread types, e.g. Metric to NPT, or NPT to Metric. A General Purpose Industrial version is also available.

TECHNICAL DATA

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Additional Approvals Held: CEA, GOST 8 (POCC GB. FG64000207), GOST K (KZ 7030061.01.01.1671), ABS, DNY, LLOYDS

Serrated Washers

Available in Stainless Steel as standard, these “shake-proof” Serrated Washers fitted internally to the equipment and before a locknut act as an anti-vibration device to prevent the cable gland or other cable entry device and locknut arrangement from inadvertently loosening in service. Alternative materials are available.

Locknuts

Brass Locknuts are the recommended items used in securing brass cable glands, unions, adaptors, reducers, and stopper plugs to a gland plate or into equipment. Aluminium versions are also available for use with CMP Aluminium Cable Glands to prevent the electrolytic action of galvanic corrosion which can occur when dissimilar metals are coupled together.

Entry Thread Seal

To maintain the Ingress Protection rating between the equipment and cable gland it might be necessary to fit an Entry Thread Seal to the gland entry interface. For Explosion Protected equipment it is essential to maintain the integrity of the degree of Ingress Protection at which the equipment has been rated. Manufactured in 2mm thick white Nylon as standard and certified to EN 60029. As an alternative we are also able to offer Integral Thread “O” Ring Seals to cables glands, adaptors, reducers and stopper plugs.
CABLE GLAND SELECTION GUIDELINES

There are many factors to consider when selecting cable glands for industrial installations. Neglecting to pay due attention to some of these factors may cause the glands to be ordered or it is discovered that they are the incorrect type or size at the very point when they are needed the most. Good advice would be to allocate some value to all columns of the table. Please refer to CMP Products if your requirement differs from the standard.

HOW TO ORDER

In each of the main product pages in this catalogue you will find a cable gland selection table which includes the part number, typically of a standard metric product, for ordering purposes.

Selection Table Of SWA Cable Glands Please replace “XXXX” in Ordering Reference with Cable Gland name i.e. E1FW

Selection Table Of Unarmoured Cable Glands Please replace “XXXX” in Ordering Reference with Cable Gland name i.e. E2FW

Selection Table Of STA/Braided Cable Glands Please replace “XXXX” in Ordering Reference with Cable Gland name i.e. E1FX

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