

TEXCAN

A Sonepar Company



CONNECTOR

CATALOGUE

WHY CHOOSE TEXCAN?

Our expertise lies in providing solutions tailored to each customer's individual needs. Texcan has been a leader in the wire and cable industry since 1978, consistently going above and beyond to serve our customers. As one of the largest wire and cable suppliers in Canada, Texcan specializes in serving the electrical market and offers an extensive range of products and specialized services.

LOCAL INVENTORY WHAT YOU WANT, WHEN YOU NEED IT!

Texcan takes pride in our extensive inventory, offering a diverse selection of wire and cable options to meet customers' specific requirements. We prioritize convenience, ensuring that our customers have easy access to the products they need, when they need them.

LOCAL EXPERTISE WITH A GLOBAL PRESENCE

Texcan is a proud member of the Sonepar Group. Founded in 1969, the Sonepar Group of companies is an independent family-owned company and global market leader in B to B distribution of electrical products, solutions, and related services.

PRODUCT SOURCING

Texcan's preferred partners are selected based on their reputation for excellence, reliability, and expertise in their respective fields. These partnerships are built on mutual trust, shared values, and a commitment to delivering exceptional customer experiences. By collaborating with industry-leading manufacturers and suppliers, Texcan ensures that it consistently offers outstanding products and solutions to its diverse customer base.



LIVE 24/7, 365 DAY EMERGENCY SUPPORT

Texcan recognizes the crucial importance of continuous, year-round operations. We understand that during emergencies, disruptions can pose significant risks and expenses. That's why we are fully committed to delivering prompt assistance whenever it is required. Our dedicated team is available 24/7 to provide live help, ensuring that your operations can swiftly resume without any unnecessary delays. To access our live assistance, simply call our toll-free number, 1.800.665.1025.

We are ready to provide the support you need, anytime, anywhere.



ENGINEERING SUPPORT

By choosing Texcan, you gain access to our dedicated in-house engineering and product management team, along with manufacturer support for your project. The sooner you engage us, the greater the value we can provide.

When you collaborate with us, we can assist in reviewing your bill of materials, ensuring accuracy and efficiency. Our team specializes in streamlining cabling specifications, optimizing designs, and technical compliance throughout the project lifecycle. Our expertise allows us to streamline processes and enhance overall project efficiency.

Introduction

The connection point between a box or enclosure and a run of wire or cable can be one of the weak links in an electrical system. Texcan stocks a full line of cable connectors to provide safe electrical service in areas exposed to weather, water, oil, dirt and other contaminants. The connectors are suitable for use in various industries including oil and gas, pulp and paper, mining, commercial and utilities and many more. They are approved for use in ordinary or wet and hazardous locations.



Applications

Cable Connectors

Designed for both offshore and onshore requirements, Texcan's connector options cover armoured and jacketed and non-armoured cables. They are available in copper-free aluminum, stainless steel or nickel plated brass and metric thread forms.

RapidEx High Speed Sealing Gel

RapidEx is a high speed sealing compound that is easily applied and sets in minutes. It is suitable for hazardous locations and does not require kneading or packing prior to use. The gel formula creates a reliable seal, with no gaps or voids around conductors. It will never shrink or crack with changes in temperature.

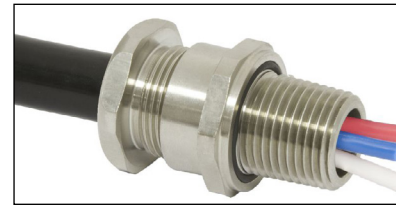
Specifications

- CSA 09.2194053X
- CSA 09.2220601X
- Class I, Division 2, Groups A, B, C, D
- Class I, Zones 1 and 2, AExe II, AEx tA IIC
- Class I, Zones 1 and 2, Exe II, Ex tA IIC
- Class I, Zone 1, AEx d IIC, AEx e II, AEx tA IIC
- Class I, Zone 1, EX e II, Ex tA IIC
- Class II, Division 1 and 2, Groups E, F, G
- Class III, Divisions 1 and 2
- NEMA 4X
- IP66/67/68

*Refer to Canadian Electrical Code for details

To Place an Order - You will find everything that you need to place an order for many of the products in the catalogue. Should you need any assistance or require special orders please contact your Sales Representative. A complete list of our sales offices can be found on the back cover of this catalogue.

TC Hazardous Area Cable Connector



CLASSIFICATIONS

- CSA 09.2220601X
- Class I, Division 2, Groups A, B, C, D
- Class II, Division 2, Groups E, F, G
- Class III, Division 2
- NEMA Type 4X
- IP66/67/68

*Refer to Canadian Electrical Code for details



FEATURES & APPLICATIONS

The unique use of the seal insert enables each connector size to terminate the widest range available in a single hub size.

Continuous operating temperature: -60°C/-76°F to 110°C/230°F

Jacket sealing feature: If the inner seal has an outer jacket to compress onto, the TC Connector is the answer

Cable Type: A variety of unarmoured cables including Tray Cable, Electronic Cable, and Portable Cord

Standard: Aluminum connectors

Options: Also available in nickel plated brass and stainless steel connectors

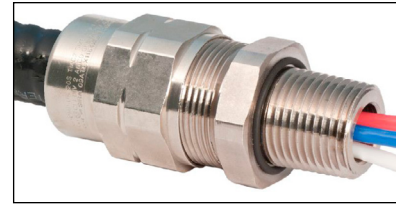
Locknuts: Aluminum connectors up to 1" hub size - steel locknut included
Aluminum connectors above 1" hub size - sold separately
Nickel plated connectors - all sizes sold separately
Stainless steel brass connectors - all sizes sold separately

Part Number	Hub Size (in.)	Cable Diameter with Insert (in.)		Cable Diameter without Insert (in.)	
		Min	Max	Min	Max
18-TC-050A028	0.50	0.13	0.28	-	-
18-TC-050A055	0.50	0.26	0.41	0.41	0.55
18-TC-075A028	0.75	0.13	0.28	-	-
18-TC-075A055	0.75	0.26	0.41	0.41	0.55
18-TC-075A079	0.75	0.47	0.61	0.61	0.79
18-TC-100A079	1.00	0.47	0.61	0.61	0.79
18-TC-100A104	1.00	0.67	0.85	0.85	1.04
18-TC-125A104	1.25	0.67	0.85	0.85	1.04
18-TC-125A127	1.25	0.92	1.10	1.10	1.27
18-TC-150A127	1.50	0.92	1.10	1.10	1.27
18-TC-150A150	1.50	1.22	1.37	1.37	1.50
18-TC-200A150	2.00	1.22	1.37	1.37	1.50
18-TC-200A174	2.00	-	-	1.40	1.74
18-TC-200A197	2.00	-	-	1.63	1.97
18-TC-250A174	2.50	-	-	1.40	1.74
18-TC-250A197	2.50	-	-	1.63	1.97
18-TC-250A220	2.50	-	-	1.86	2.20
18-TC-250A244	2.50	-	-	2.13	2.44
18-TC-300A220	3.00	-	-	1.86	2.20
18-TC-300A244	3.00	-	-	2.13	2.44
18-TC-300A268	3.00	-	-	2.40	2.68
18-TC-350A268	3.50	-	-	2.40	2.68
18-TC-350A315	3.50	-	-	2.62	3.15
18-TC-400A315	4.00	-	-	2.62	3.15
18-TC-400A354	4.00	-	-	2.99	3.54

TMC2 Cable Connector

For Armoured Cables

TMC2 Hazardous Area Cable Connector



CLASSIFICATIONS

- CSA 09.2194053X
- Class I, Division 2, Groups A, B, C, D
- Class II, Divisions 1 and 2, Groups E, F, G
- Class III, Divisions 1 and 2
- NEMA 4X
- IP66

*Refer to Canadian Electrical Code for details



FEATURES & APPLICATIONS

TMC2 connectors provide a means for terminating jacketed type armoured cables, forming a mechanical watertight connection and providing armoured ground continuity for cable armour.

Continuous operating temperature: -60°C/-76°F to 110°C/230°F

Cable Type: Aluminum or Steel Interlocked Armour, Continuously Welded Armour Cables

Standard: Aluminum connectors

Options: Also available in nickel plated brass and stainless steel connectors

Locknuts: Aluminum connectors up to 1" hub size - steel locknut included
Aluminum connectors above 1" hub size - sold separately
Nickel plated connectors - all sizes sold separately
Stainless steel brass connectors - all sizes sold separately

Part Number	Hub Size (in.)	Max Core Diameter (in.)	Cable Armour Diameter (in.)		Cable Jacket Diameter Overall OD (in.)	
			Min	Max	Min	Max
18-TMC2-050A075	0.50	0.49	0.42	0.63	0.50	0.75
18-TMC2-050A099	0.50	0.60	0.60	0.89	0.69	0.99
18-TMC2-075A075	0.75	0.49	0.42	0.63	0.50	0.75
18-TMC2-075A099	0.75	0.61	0.60	0.89	0.69	0.99
18-TMC2-075A118	0.75	0.80	0.79	1.10	0.87	1.18
18-TMC2-100A118	1.00	0.80	0.79	1.10	0.87	1.18
18-TMC2-100A137	1.00	1.04	0.94	1.28	1.02	1.37
18-TMC2-125A137	1.25	1.04	0.94	1.28	1.02	1.37
18-TMC2-125A162	1.25	1.26	1.22	1.50	1.30	1.62
18-TMC2-125A190	1.25	1.36	1.49	1.72	1.57	1.90
18-TMC2-150A162	1.50	1.26	1.22	1.50	1.30	1.62
18-TMC2-150A190	1.50	1.36	1.49	1.72	1.57	1.90
18-TMC2-150A200	1.50	1.58	1.57	1.88	1.65	2.00
18-TMC2-150A233	1.50	1.58	1.79	2.21	1.91	2.33
18-TMC2-200A200	2.00	1.58	1.57	1.88	1.65	2.00
18-TMC2-200A233	2.00	1.97	1.79	2.21	1.91	2.33
18-TMC2-200A272	2.00	2.06	2.14	2.61	2.27	2.72
18-TMC2-250A272	2.50	2.28	2.14	2.61	2.27	2.72
18-TMC2-300A325	3.00	2.67	2.49	2.97	2.62	3.25
18-TMC2-350A325	3.50	2.59	2.49	2.97	2.62	3.25
18-TMC2-350A376	3.50	3.22	2.95	3.54	3.16	3.76
18-TMC2-400A376	4.00	3.22	2.95	3.54	3.16	3.76
18-TMC2-400A425	4.00	3.59	3.52	3.94	3.70	4.25

Note: On single conductor cables above 600 volts, please contact a Texcan Representative.

TMC2X Hazardous Area Cable Connector



CLASSIFICATIONS

- CSA 09.2194053X
- Class I, Divisions 1 and 2, Groups A, B, C, D
- Class I, Zone 1, AEx d IIC, AEx e II, AEx tA IIC
- Class I, Zone 1, EX e II, Ex tA IIC
- Class II, Division 1 and 2, Groups E, F, G
- Class III, Divisions 1 and 2
- NEMA 4X
- IP66

*Refer to Canadian Electrical Code for details



FEATURES & APPLICATIONS

A means for terminating jacketed armoured cables, forming a mechanical watertight connection and providing ground continuity for cable armour.

Continuous operating temperature: -60°C/-76°F to 85°C/185°F

Jacket sealing technique: Utilizes RapidEx High Speed Sealing Gel*

Cable Type: MC/MC-HL, Corrugated Aluminum or Steel Interlocked Armour, Continuously Welded Armour Cables

Standard: Aluminum connectors

Options: Also available in nickel plated brass and stainless steel connectors

RapidEX Sealer Included with Connector

Part Number	Hub Size (in.)	Max Core Diameter (in.)	Cable Armour Diameter + (in.)		Cable Jacket Diameter Overall OD (in.)	
			Min	Max	Min	Max
18-TMC2X-050AX075	0.50	0.51	0.42	0.63	0.50	0.75
18-TMC2X-050AX099	0.50	0.51	0.60	0.89	0.69	0.99
18-TMC2X-075AX075	0.75	0.51	0.42	0.63	0.50	0.75
18-TMC2X-075AX099	0.75	0.70	0.60	0.89	0.69	0.99
18-TMC2X-075AX118	0.75	0.70	0.79	1.10	0.87	1.18
18-TMC2X-100AX118	1.00	0.94	0.79	1.10	0.87	1.18
18-TMC2X-100AX137	1.00	0.94	0.94	1.28	1.02	1.37
18-TMC2X-125AX137	1.25	1.19	0.94	1.28	1.02	1.37
18-TMC2X-125AX162	1.25	1.19	1.22	1.50	1.30	1.62
18-TMC2X-125AX190	1.25	1.19	1.49	1.72	1.57	1.90
18-TMC2X-150AX162	1.50	1.45	1.22	1.50	1.30	1.62
18-TMC2X-150AX190	1.50	1.45	1.49	1.72	1.57	1.90
18-TMC2X-150AX200	1.50	1.45	1.57	1.88	1.65	2.00
18-TMC2X-150AX233	1.50	1.45	1.79	2.21	1.91	2.33
18-TMC2X-200AX200	2.00	1.63	1.57	1.88	1.65	2.00
18-TMC2X-200AX233	2.00	1.90	1.79	2.21	1.91	2.33
18-TMC2X-200AX272	2.00	1.90	2.14	2.61	2.27	2.72
18-TMC2X-250AX233	2.50	2.13	1.79	2.21	1.91	2.33
18-TMC2X-250AX272	2.50	2.37	2.14	2.61	2.27	2.72
18-TMC2X-300AX272	3.00	2.54	2.14	2.61	2.27	2.72
18-TMC2X-300AX325	3.00	2.98	2.49	2.97	2.62	3.25
18-TMC2X-350AX325	3.50	2.98	2.49	2.97	2.62	3.25
18-TMC2X-350AX376	3.50	3.38	2.95	3.54	3.16	3.76
18-TMC2X-400AX376	4.00	3.38	2.95	3.54	3.16	3.76
18-TMC2X-400AX425	4.00	3.38	3.52	3.94	3.70	4.25

Note: On single conductor cables above 600 volts, please contact a Texcan Representative.

RapidEx High Speed Sealing Gel Compatible with TMC2X Connectors

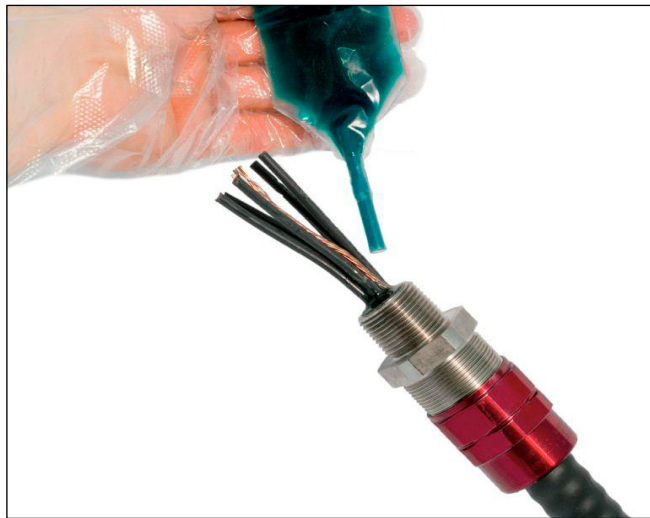


INSTALL IN SECONDS!

Electrical power, control, and instrument cables are manufactured to a host of different construction standards. When working in hazardous areas, correctly sealing these cables as they enter electrical equipment is critical. Compound barrier gland fittings for jacketed armoured cable requires detailed preparation and careful installation.

Traditional barrier cable glands with epoxy resins require extensive installation and curing time. If installed before the epoxy has hardened properly, the seal may shrink or crack, creating a disaster.

The TMC2X cable gland uses RapidEx liquid resin sealing compound which **installs in seconds and seals in minutes**, ensuring long-term safety and reliability. The gel liquid flows into the cable interstices, completely surrounding the cable conductors, driving out the air. The gel then cures, creating an explosion proof and gas tight seal. 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.



Installers simply prepare the cable, insert it into the two-piece cable gland and tighten. Nothing to disassemble, drop, or lose so it is easy to perform a consistent installation every time.

APPLICATIONS

- Simple 4 step process: prepare cable, clamp armour, mix liquid resin, pour resin
- Provide a means for terminating jacketed armoured cable, forming a mechanical watertight connection and providing ground continuity for cable armour
- Works with multiple cables including:
 - Aluminum or steel interlocked armour
 - Continuously welded armour cables
- For use on horizontal and vertical runs

FEATURES

Provide a means of effective, efficient, and reliable cable sealing, in hazardous applications

Operating temperature: -76 °F/-60 °C to +185 °F/+85 °C

Application efficiencies: Simple cable preparation, easy liquid pouring application, cleaner and faster mixing process, faster curing time, enhanced accuracy

Compatible Wiring Codes: IEC, CEC, and NEC

Faster curing time: Cures in minutes

Easier Connection Capabilities: No need for repeated cable connector disassembly before connection to equipment.

Building Wire

- AC90 Armoured Cables
- Fire Alarm Cables
- ACWU Armoured Cables
- NMD90/NMWU90 Cables
- Solid/Stranded Bare Copper
- RA90/Armoured Cables CU/AL
- SIMpull Solutions®
- RW90/RWU 90 CU / AL
- T90 CU/TW75/TWH/TWU
- LVT
- Grounding Cables

Control Cables

- Multi-conductor
 - Armoured/Unarmoured
- Portable Control Cables
- Shielded Control Cables
- Custom Bundling/Armouring

Communication

- Computer Cables
- Inside/Outside Plant Wires
- Telephone Cables
- Plenum Cables
- Direct Burial

Data Cables

- Category 5E, 6, 6A, 7 Rated Cables
- Co-Axial/Twin-Axial Cables
- Ethernet Cables
- Network Cables
- Patch Cords (Copper/Fiber Optic)
- Armoured Data Cables

Electronic Cables

- Armoured Cables
- Audio/Visual Cables
- Broadcast Cables
- Low Capacitance Wires
- Plenum Wires
- Precision Video Wires
- Industrial Automation Cables
- Belden® Classics & NewGen

Fiber Optic Cables

- SM/MM
- Loose Tube, Tight Buffer
- Indoor/Outdoor/Riser/ADSS
- Armoured/Non-Armoured
- Hybrid Fiber
- Specialty XPRLTM/RLTM

Instrumentation

- Armoured/Unarmoured
 - Interlocked Steel/Aluminum
- Multiconductor/Pairs/Triads
- Shielded/Unshielded
- Thermocouple Wires

Marine Cables

- Boat Cables
- Shipboard Cables
- Offshore Rig/Marine Cables

Mining Cables

- Blasting Wires
- Mine Power Feeder Cables
- Portable Power Cables
 - Type W, G, GGC, SHDGC (2KV to 35 KV)
- Trailing Cables
- Cable Assemblies
- Vertical Riser Cables
- Reeling Cables
- DLO (Diesel Locomotive Cables)

Portable Cords

- High Temperature Cables
- Ultraflex™ Low Temperature Cords
- Ultraflex™ Extension Cords
- Retractable Cords
- Type: SJQOW, SOOW, SJTOW, STOW
- Welding Cables
- Stage Lighting
- Landscape Lighting
- Multiconductor

Power Cables

- ACSR/AAC Linewire
- High Voltage Power Cables
- TECK 90 HL Cables (600V-35KV)
- Overhead Service (NS75 / NS90)
 - Duplex, Triplex, Quadruplex
- Underground Service
 - USE1, USEB
- Variable Frequency Drive (VFD) Cables

- Tray Cables
 - Power and Control
- Underground Distribution
- Airport Lighting Cables
- Utility Hydro Cables
- Airguard™

Specialty Products & Cords

- 2HR Fire Rated VITALink® Fire Resistant
- Traffic Signal Cables CLMTO/IMSA
- Coil Lead Wires
- European Cables (CE & VDE approved)
- Teflon® Insulated Wires
- SIS Switchboard Wires
- TEW Equipment Wires
- Small Diameter Flexible Control (SDN)
- Low Smoke Zero Halogen Cables
- TR64
- Extra Flexible Portable Cables
- Parallel Conductor Cords
- Trailer Cables
- Battery Cables
- Pendant Cables/Festoon
- Mil Spec Hookup Wires
- Tracer Wires
- Automotive Cables

Additional Services & Accessories

Tools & Equipment

- Material Handling & Storage
- Cable Pulling & Fishing

Power Management

- Extension Cords
- Temporary Power Distribution

Lighting

- Area Lights
- String Lights
- Temporary Overhead Lighting

Connectors

- Armoured Cable Connectors
- Explosion-proof Connectors
- Strain Reliefs Metal & Nylon
- Tray Cable Connectors

Accessories

- Heat Trace cables & accessories
- Hardware, Lugs, Cable Ties
- 3M Accessories
 - Cold Shrink Splices and Terminations
 - Heat Shrink Splices and Terminations
- 3M Accessories
- High Voltage Termination Kit
- Split Loom

Value Added Services

- Custom-Built Cables
- Cable Management Program
- Specialized Technical Assistance
- 24/7 Emergency Shipping Service
- International Export Services
- Custom Cables/Printing/Cutting
- Paralleling/Lagging/Tagging
- Bundling/Armouring
- Bar Coding and Inventory Tracking
- State-of-the-Art Distribution Centre

Visit our website at Texcan.com and social media [@TexcanCanada](https://www.instagram.com/TEXCANCanada)

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