

Pictured with TMC2 installed

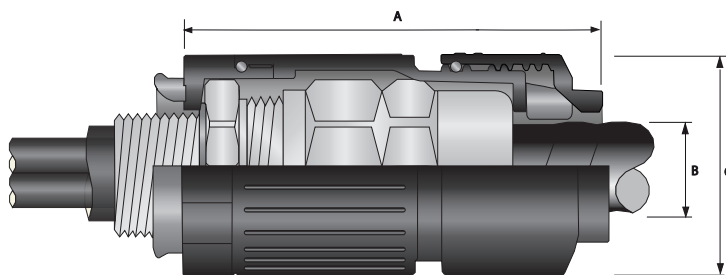


## The Ultimate Protective Shield in Harsh Corrosive Environments for TMC2 & TMC2X

- Offers long term reliability of cable terminations
- Extends the life span of the gland
- Quick and easy installation, no special tools required
- Clear, visible external identification
- Fully Inspectable
- Fully resistant to potash, UV & salt spray
- Low smoke & fume, zero halogen, flame retardant to UL94-HB
- Supplied with clearance hole and threaded entry interface seals

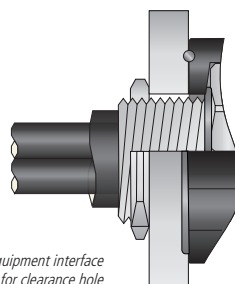
The Sentinel Corrosion Shield is a rigid mechanical protection device which encapsulates the cable gland, providing a high integrity seal. The Sentinel seals the interface between the equipment and the gland for both threaded and clearance holes. The robust outer environmental seal engages the outer sheath of the cable, providing an exceptional barrier to moisture, dust, corrosive substances and chemical agents that may attack the CMP cable gland.

The Sentinel Corrosion Shield reduces the need for periodic inspections. When required, inspections can be easily undertaken, facilitated by easy disconnection and re-connection of the corrosion shield to inspect the gland.

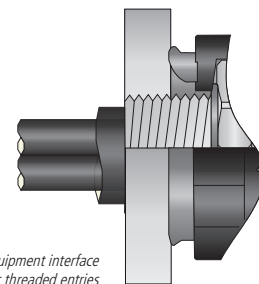


### Technical Data

|                                         |                                                                                 |
|-----------------------------------------|---------------------------------------------------------------------------------|
| <b>Suitable Cable Glands</b>            | TMC2, TMC2X                                                                     |
| <b>Impact Resistance</b>                | 20J at -60°C                                                                    |
| <b>Potash Resistance</b>                | Independently tested (600 hour immersion)                                       |
| <b>Salt Spray Resistance</b>            | Independently tested to ASTM B117 (600 hours constant spray)                    |
| <b>NEMA Rating</b>                      | NEMA 4X, 6 & 6P                                                                 |
| <b>Ingress Protection Rating</b>        | IP66, 67 & 68                                                                   |
| <b>Flame Retardancy</b>                 | UL94-HB                                                                         |
| <b>Continuous Operating Temperature</b> | -60°C to 110°C -76°F to 230°F                                                   |
| <b>Product Material</b>                 | Low Smoke & Fume Polyamide                                                      |
| <b>Seal Material</b>                    | CMP SOLO LSF Halogen Free Thermoset Elastomer                                   |
| <b>Sealing Areas</b>                    | CMP Load Retention Seal on Outer Sheath<br>Equipment Interface Seal as Standard |



'O' ring equipment interface seal for clearance hole



Protruding equipment interface seal for threaded entries

### Product Selection Table

| Sentinel Only Order Code                                    | Aluminum* TMC2 Sentinel Pack Order Code** | Aluminum* TMC2 Order Code | Aluminum* TMC2X Sentinel Pack Order Code** | Aluminum* TMC2X Order Code | NPT Entry Thread | Outer Diameter 'C' | Outer Jacket Sealing Range 'B' | Max Envelope / Protrusion Length 'A' |
|-------------------------------------------------------------|-------------------------------------------|---------------------------|--------------------------------------------|----------------------------|------------------|--------------------|--------------------------------|--------------------------------------|
| SEN-030-075                                                 | SENP-050A075                              | TMC2-050A075              | SENXP-050A075                              | TMC2X-050A075              | 1/2"             | 1.88               | 0.50 0.75                      | 3.52                                 |
|                                                             | SENP-075A075                              | TMC2-075A075              | SENXP-075A075                              | TMC2X-075A075              | 3/4"             | 1.88               | 0.50 0.75                      | 3.52                                 |
| SEN-037-099                                                 | SENP-050A099                              | TMC2-050A099              | SENXP-050A099                              | TMC2X-050A099              | 1/2"             | 2.16               | 0.69 0.99                      | 4.01                                 |
|                                                             | SENP-075A099                              | TMC2-075A099              | SENXP-075A099                              | TMC2X-075A099              | 3/4"             | 2.16               | 0.69 0.99                      | 4.01                                 |
| SEN-046-118                                                 | SENP-075A118                              | TMC2-075A118              | SENXP-075A118                              | TMC2X-075A118              | 3/4"             | 2.61               | 0.87 1.18                      | 4.37                                 |
|                                                             | SENP-100A118                              | TMC2-100A118              | SENXP-100A118                              | TMC2X-100A118              | 1"               | 2.61               | 0.87 1.18                      | 4.37                                 |
| SEN-052-137                                                 | SENP-100A137                              | TMC2-100A137              | SENXP-100A137                              | TMC2X-100A137              | 1"               | 2.91               | 1.02 1.37                      | 4.65                                 |
|                                                             | SENP-125A137                              | TMC2-125A137              | SENXP-125A137                              | TMC2X-125A137              | 1-1/4"           | 2.91               | 1.02 1.37                      | 4.65                                 |
| SEN-060-162                                                 | SENP-125A162                              | TMC2-125A162              | SENXP-125A162                              | TMC2X-125A162              | 1-1/4"           | 3.28               | 1.30 1.62                      | 4.80                                 |
|                                                             | SENP-150A162                              | TMC2-150A162              | SENXP-150A162                              | TMC2X-150A162              | 1-1/2"           | 3.28               | 1.30 1.62                      | 4.80                                 |
| SEN-065-190                                                 | SENP-125A190                              | TMC2-125A190              | SENXP-125A190                              | TMC2X-125A190              | 1-1/4"           | 3.44               | 1.57 1.90                      | 4.84                                 |
|                                                             | SENP-150A190                              | TMC2-150A190              | SENXP-150A190                              | TMC2X-150A190              | 1-1/2"           | 3.44               | 1.57 1.90                      | 4.84                                 |
| Please contact CMP for 'Sentinel only' ordering information | SENP-150A200                              | TMC2-150A200              | SENXP-150A200                              | TMC2X-150A200              | 1-1/2"           | 3.72               | 1.65 2.00                      | 4.99                                 |
|                                                             | SENP-200A200                              | TMC2-200A200              | SENXP-200A200                              | TMC2X-200A200              | 2"               | 3.72               | 1.65 2.00                      | 4.99                                 |
|                                                             | SENP-150A233                              | TMC2-150NB233             | SENXP-150A233                              | TMC2-150SS233              | 1-1/2"           | 3.92               | 1.91 2.33                      | 5.31                                 |
|                                                             | SENP-200A233                              | TMC2-200NB233             | SENXP-200A233                              | TMC2-200SS233              | 2"               | 3.92               | 1.91 2.33                      | 5.31                                 |
|                                                             | SENP-250A233                              | TMC2-250NB233             | SENXP-250A233                              | TMC2-250SS233              | 2-1/2"           | 3.92               | 1.91 2.33                      | 5.31                                 |
|                                                             | SENP-200A272                              | TMC2-200NB272             | SENXP-200A272                              | TMC2-200SS272              | 2"               | 4.72               | 2.27 2.72                      | 5.43                                 |
|                                                             | SENP-250A272                              | TMC2-250NB272             | SENXP-250A272                              | TMC2-250SS272              | 2-1/2"           | 4.72               | 2.27 2.72                      | 5.43                                 |
|                                                             | SENP-300A272                              | TMC2-300NB272             | SENXP-300A272                              | TMC2-300SS272              | 3"               | 4.72               | 2.27 2.72                      | 5.43                                 |
|                                                             | SENP-300A325                              | TMC2-300NB325             | SENXP-300A325                              | TMC2-300SS325              | 3"               | 5.51               | 2.62 3.25                      | 6.38                                 |
|                                                             | SENP-350A325                              | TMC2-350NB325             | SENXP-350A325                              | TMC2-350SS325              | 3-1/2"           | 5.51               | 2.62 3.25                      | 6.38                                 |
|                                                             | SENP-350A376                              | TMC2-350NB376             | SENXP-350A376                              | TMC2-350SS376              | 3-1/2"           | 6.20               | 3.16 3.76                      | 6.73                                 |
|                                                             | SENP-400A376                              | TMC2-400NB376             | SENXP-400A376                              | TMC2-400SS376              | 4"               | 6.20               | 3.16 3.76                      | 6.73                                 |
|                                                             | SENP-400A425                              | TMC2-400NB425             | SENXP-400A425                              | TMC2-400SS425              | 4"               | 6.71               | 3.70 4.25                      | 7.01                                 |

All dimensions shown are in inches unless otherwise stated

\* Aluminum ordering references shown, for Nickel Plated Brass please replace 'A' with 'NB' e.g SENP-050NB075

\*\*Sentinel Pack includes: 1 CMP Cable Gland, 1 Sentinel Corrosion Shield