

Features & Benefits:

- Type NEMA 4x & 6 (IP 67 & 68) - Liquid Tight - Submersible to 300 ft!
- IP 69K rated - Ideal in splash or hose down applications!
- Patented Form Seal allows 150 PSIG (10 BAR) rating - Highest in Industry!
- V0 flame rating according to UL 94 (Dome Nylon & PVDF Only) - Phosphorous Free - Non-Toxic!
- UL f1 (746C) UV/Ozone stable Black Nylon - Ideal for the Outdoors!
- Concentric O-Ring Groove - meets most Type NEMA applications!
- Safety Ratchet Top Cap - Preventing Dome/Flex top from coming loose under vibration!
- Large selection - Cable Range from .08" (2 mm) to 1.73" (44 mm).
- Non-Corrosive - Resistant to salt water, weak acids, weak alkalis, alcohol, esters, ketones, ether, gasoline, mineral, animal & vegetable oil.
- Durable - Rugged Construction.
- RoHS & Deca BDE - Environmentally Compliant to the newest standards!

UL/UR	E103997
CSA	074032
VDE	71339
CAGE	0 UE11
PATENT	4145075



High Impact / DIV Rated
BXA & BXI Strain Relief

Unique Product!



Pull-out Resistance & Cable Protection

Overlapping clamping splines apply a concentric pressure to seal around cable, thereby preventing the form seal from being pulled out of the fitting. This ensures pull-out protection without damage to the cable.

Submersible

The patented recess and high performance form seal (grommet) guarantees Type NEMA 4x & 6 (IP 68 / IP 69K) at 150 PSIG (10 bar).

Rugged Construction

The self locking ACME thread prevents the dome or flex nut from being pulled out under extreme lateral force.

Liquid Tight

Molded O-Ring groove with O-Ring results in a liquid tight seal between Fitting and Installation.

Time Saving Installation

Simply push the cable through Strain Relief Fitting - Tighten Dome or Flex Nut - Done!
No disassembly of the Fitting required!



ULf1 (746C) Outdoor Applications

All Black Nylon (Dome & Flex) Strain Relief Fittings, Cord Grips, Cable Glands are now made with UV / Ozone Stable material.



Standard, Reduced and Multi-Hole Inserts

Modularity: Increase and decrease cable opening by swapping out inserts to accommodate various cable sizes & configurations.

Also available in ATEX/IECEx & cUS



Flex Nut

Kinking and chafing of the cable is eliminated in dynamic applications.



Elbow Fittings

For Space and time saving installations:
Open Elbow - Insert cable - Snap close - Tighten Nut - Finished!
Available with Dome for static, or Flex Nut for dynamic applications.



How to feed a cable assembly with connector through a strain relief fitting:

1. Determine largest dimension of the plug.
2. Choose Strain Relief with appropriate Dome opening (see table on page 56).
3. Drill solid insert to exact cable diameter & slice insert on one side only.
4. Assemble by feeding Connector first through dome nut and Strain Relief body, snap insert over cable and insert into body, tighten dome nut - Done!
5. This applies to PG, NPT or Metric solutions.

NOTE: Nylon Fittings do not come with an O-Ring.

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