

## WHY SEALCON PRODUCTS?

- **Low Smoke / Halogen & Phosphorous Free Products:** V0 Flame Rated, Ideal for applications requiring a low smoke environment, **Non-Toxic according to UL94.**
- **Submersible & Liquid Tight:** Perfect product for a spray down or submersed application. Sealcon products have an unsurpassed **IP68 / NEMA 4X & 6 / 10 BAR (150 PSIG)** rating. The patented form seal (Grommet Around Cable) allows products to be installed in up to 300 ft underwater! Our product is also spray down **IP69K** rated.
- **Outdoor / UV Exposure:** Our products are ideal for outdoors. All of our black Nylon Strain Relief Fittings are made with a **UL f1 (746C)** UV & Ozone Stable Material & ACME thread.
- **NEMA Installation:** All of our Cable Strain Relief Fittings come with a **Patented O-Ring Groove**, resulting in a liquid tight seal between fitting and installation when used with a correct o-ring.
- **Anti-Vibration:** Sealcon's Cable Strain Relief Fittings feature notches molded into the dome nut to prevent the dome from coming loose from the Cable Gland body. This is referred to as a safety ratchet system.
- **Approvals & Certifications:** Our products are UL, UR, CSA, VDE, CE, PCT Gost, German Lloyd (GL), TUV, RoHS, Deca BDE, ATEX, IECEx, Ex-e and Ex-d.
- **Product Assortment:** Over 6,000+ Type, Size & Styles to choose from!

## QUALIFYING QUESTIONS

1. **Application?** (See Other Side)
2. **Cable Outer Diameter?**
3. **Hole Opening:** Knock-out / Threaded (Tapped)?
4. **Thread Type:** NPT / Metric / PG / BSPP (G)?
5. **Material / Type:** Nylon, Nickel Plated Brass, 303/316L Stainless Steel, EMI/RFI, PVDF?
6. **NEMA / IP Ratings?**
7. **Accessories:** Locking Nuts, O-Rings, Seal Rings, Adapters, Reducers, Enlargers?

## LARGE DOMESTIC INVENTORY!



### STANDARD, REDUCED AND MULTI-HOLE INSERTS

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

### FLEX NUT

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



Also available in ATEX/IECEX & cUS

### IF SPACING IS AN ISSUE.....

### OUR ELBOW FITTINGS ARE YOUR SOLUTION!

- For space and time saving installations:
1. Open Elbow
  2. Insert Cable
  3. Snap Close
  4. Tighten Nut - Finished!

Available with Dome for static or Flex Nut for dynamic applications.

### PULL OUT RESISTANCE & CABLE PROTECTION:

Overlapping clamping splines apply concentric pressure to seal and 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 NEMA 4x & 6 (IP68 / IP69K) at 150 PSIG (10 bar) pressure rating.

### 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.



Check out our sister company



High Quality Domestic / International Cable & Wires, Enclosures (Plastic/Metal) and Pneumatic Fittings  
[www.hitechcontrols.com](http://www.hitechcontrols.com) / 800-677-8942



**Food & Beverage**  
**Products:** Dome & Flex Fittings, PVDF, 316 Stainless Steel, FP, RG Gland  
**Why:** IP69K (Splash Rated), Non-Corrosive, Non-Flaking, Fungus Resistant, High/Low Temperature, Deca BDE, RoHS  
**Where:** Meat Cutting & Packaging, Bakeries, Dairy, Bottling, Pharma, Peripherals, Scales, Bar Coding



**Lighting**  
**Products:** Dome Fittings in Nylon or Nickel Plated Brass, Multi-hole, 303 Stainless Steel, PVDF  
**Why:** V0 Rated: Non-Toxic, Halogen & Phosphorous Free, High Temperature, NEMA 4x and 6 / IP68, RoHS  
**Where:** Municipalities, Airports, Schools, Hospitals, Government, Landscape, Fountains, Stage



**Telecom / Communication**  
**Products:** Flex & Dome Fittings in Nylon or Nickel Plated Brass, Zinc Plated, BE (Standard) & FE (Feed-Through) Style for EMI/RFI  
**Why:** Highest EMI/RFI Shielding, For braid and foil shield, Low Profile, Halogen & Phosphorous Free, RoHS  
**Where:** WIFI, Radios, Antennas, GPS, Remote Monitoring, Meteorological, Military



**Security / Monitoring**  
**Products:** Flex & Dome in Nylon or Nickel Plated Brass, Multi-Hole, Mini-WADI, 303 Stainless Steel, EMI/RFI, Connectors, Encl.  
**Why:** Compact, Rugged, NEMA 4X and 6 Rated, RoHS  
**Where:** Surveillance, Shopping Centers, Traffic, Gated Residences, QC, Inspection, Cameras



**Medical**  
**Products:** Flex & Dome Fittings in Nylon or Nickel Plated Brass, Stainless Steel, PVDF, Mini-WADI, Connectors  
**Why:** V0 Rated: Non-Toxic, Halogen & Phosphorous Free, Non-Magnetic, High/Low Temperature, Rugged, Deca BDE  
**Where:** Pumps, Beds, Scales, Cranes, Wheel Chairs, Monitoring Devices, X-Ray, MRI, Lab Equipment



**Robotics / Dynamic Applications**  
**Products:** Flex & Dome Fittings of all Materials, BE (Standard) & FE (Feed-Through) Style for EMI/RFI, Conduit, Connectors  
**Why:** Patented form seal allows higher flex protection, Rugged, Vibration Safe, RoHS  
**Where:** Robots, 3D-Coordinate Measuring Systems, AC/DC Motors, Communication



**Packaging**  
**Products:** Flex & Dome in Nylon or Nickel Plated Brass, Multi-Hole, 303/316 Stainless Steel, EMI/RFI, Connectors  
**Why:** IP69K (Splash Rated), Rugged, Vibration Safe, High Temp.  
**Where:** Conveyers, Controllers, Hand Held Devices, Scanners, Bar Code Reader, Interfaces



**Automotive / Transportation**  
**Products:** Flex & Dome Fittings, Multi-Hole, Stainless Steel, BE & FE Style for EMI/RFI, PVDF, Connectors  
**Why:** IP69K (Splash Rated), Rugged, NEMA 4x & 6/IP68, Vibration Safe Ratchet, RoHS  
**Where:** E-Vehicles, EV-Charging Stations, Golf Carts, Battery Systems, Trains, Light Rail, Trucking, RV



**Marine**  
**Products:** Flex & Dome Fittings in Nylon or Nickel Plated Brass, 316 Stainless Steel, Zinc Plated  
**Why:** 150 PSIG (300 ft under water), NEMA 6/IP68, O-Ring Groove, Look of NPB (Shiny), Rugged, Salt Water Resistant (Spray)  
**Where:** Boats, Yachts, Jet Ski, Depth Sensors, Dive Lights, Cranes, Hoists, Antennas, Fish Locators & Cameras



**Renewable - Wind & Solar**  
**Products:** Dome & Flex Fittings in Nylon, Zinc Plated, BE (Standard) & FE Style for EMI/RFI, Wadi-XL, Connectors, Conduit  
**Why:** Vibration safe (ratchet secures cable), NEMA 4x and 6 / IP68, Non-Corrosive, Deca BDE, UV/Ozone Resilient, RoHS  
**Where:** Nacelle, Pitch System, Lighting, Wind Sensor, Photovoltaic, Air Traffic Beacon, PV-Boxes, AC/DC Converter, Nuclear



**Military / Navy / Government**  
**Products:** Nylon or Nickel Plated Brass, 316 Stainless Steel, Zinc Plated, BE & FE Style for EMI/RFI, Connectors  
**Why:** 150 PSIG (300 ft under water), Salt Water Resistant (Spray), Non-Corrosive, Raw/Unplated Material (can be painted)  
**Where:** Navy/Antennas, Missile Cranes, Combat Vehicles, Communication Devices, Buoy, Non-Combat Devices



**Hazard Ex-e, Ex-d Oil & Gas, Railroad, Mining, Apparatus**  
**Products:** ATEX/IECEx and cUS in Nylon & Nickel Plated, Stainless Steel, MZ, EMI  
**Why:** Hazardous Location Type Ex-e, Ex-d, Chemical Resistance, High & Low Temperature, Additional Pull-Out Resistance  
**Where:** Fracking, Offshore, Panel Shops, Sensors, Fluid Control, Data Logger, Vessels, Marine, Mining, Textile, Agriculture, etc.