We Think of Everything, So You Don't Have To

Rigorous planning and attention to specifications should make any project run smoothly. Emerson's vast line of O-Z/Gedney™ specialty products practically guarantees it. These products work flawlessly in places that are inaccessible after the walls are built. Products that will serve for generations keeping out water, carrying cables skyward or protecting electrical connections.

Made from the best materials for corrosion resistance and durability, the O-Z/Gedney™ specialty products are installed in walls, floors and ceilings; inside, outside, below-grade, hidden and exposed – virtually anywhere. A century of experience results in customer-driven specialty products with features that are not found anywhere else.

Every Product Has it's Place

Emerson is in the business of designing and manufacturing innovative electrical products for infrastructure development. From airport terminals to sky scrapers, all kinds of facilities need specific products that are easy to install and built to last. Electrical contractors everywhere know they can count on us to provide standard or highly customized electrical products that are going to perform to the highest standards. Flexible manufacturing capability allows us to offer a variety of customized O-Z/Gedney™ specialty products with short turnaround times.

From cast junction boxes that protect electrical connections in the poured concrete of a highway bridge to thruwall seals that bring power into a wastewater treatment plant, O-Z/Gedney™ specialty products are built to function flawlessly. Our reputation depends on it.

Specialized Products For Specialized Places

- Airport Terminals
- Agricultural/Petro Plants
- Clean Rooms
- Convention Centers
- Food Processing Facilities
- Highways/Bridges
- Mid & High-Rise Office Buildings
- Municipal Buildings
- Power Plants
- Public Parking Complexes
- Pulp & Paper Plants
- Retail Shopping Centers
- Saw Mills
- Subway Systems
- Train/Light Rail Systems
- Wastewater Treatment Plants

O-Z/Gedney™ Expansion and Deflection Fittings

Long runs of electrical conduit are required in many infrastructure environments including bridges, roadways, tunnels, mass transit systems and airports. Large overnight or seasonal temperature changes cause extensive expansion and contraction of conduit. Seismic activity, heavy vehicular traffic and vibration conditions require protection from angular or parallel misalignment.

O-Z/Gedney™ invented expansion and deflection fittings and through Emerson, continues to offer a vast line of solutions that allow for dynamic conduit movement while protecting the conduit and enclosed conductors from destructive forces.

Types

Expansion Fittings

- Linear Expansion/Contraction of RMC/IMC or EMT Conduit

Deflection Fittings

- Expansion/Contraction/Angular and Parallel Misalignment

Combination Expansion Fitting/Pull Box

Bonding Jumpers for Telescoping Raceways

Combination Expansion/Deflection Fittings

Pull Box Fittings

O-Z/Gedney™ Cable Terminators and Conduit Sealing Bushings

Cable terminators, compound bushings and sealing bushings effectively seal single or multiple cables and conduit to provide ingress protection from adverse environmental conditions. The O-Z/Gedney™ conduit sealing bushings eliminate the need for manual sealing because it is designed to provide the same level of environmental protection. Since there is no process involved, installation is essentially “goof-proof.” The terminators and bushings mate with multiple cable and conduit configurations. They perform well in higher gas or fluid pressure conditions up to 100 psig.

With over 100 years of experience, our O-Z/Gedney™ Cable Terminators and Conduit Sealing Bushings are built to pass a simple test. Time. Our experience allows us to offer a great deal of flexibility in terms of choices and the ability to provide a quick turnaround time.

Types

Cable Terminators with Compound Chamber or Threaded Rigid Conduit

Compound Bushings

Sealing Bushings

Conduit Sealing Bushings

Materials

Malleable Iron with Zinc plate

Malleable Iron – Hot Dip Galvanized

All Stainless Steel Hardware