


WHITE PAPER: Flexible Metal Conduit

ANAMET Electrical, Inc. roll forms strip metal to make flexible metal conduit in a variety of materials. Reduced Wall Aluminum (RWA), Reduced Wall (Galvanized) Steel (RWS), DE-710 and DSL conduit have similar features, but different benefits.


Reduced Wall Aluminum (RWA) Conduit 3/8 to 4 inches

- Suitable for dry commercial and industrial applications requiring UL approval
- The reduced wall metal conduit protects wiring in dry exposed or concealed locations for motor leads, escalators, elevators and wheelchair lifts
- Aluminum strip provides corrosion resistance and light weight
- UL Approved #E98045, DXUZ. NEMA 1 Enclosure 




**RWA and RWS:
Reduced Wall Profile**

Reduced Wall (Galvanized) Steel (RWS) Conduit 3/8 to 4 inches

- Suitable for dry commercial and industrial applications requiring UL approval
- The reduced wall metal conduit protects wiring in dry exposed or concealed locations for motor leads, escalators, elevators and wheelchair lifts
- UL Approved #E98045, DXUZ. NEMA 1 Enclosure 



DE-710 Square Lock (SL) Conduit 3/16 to 3/4 inch

- The DE-710 profile has greater flexibility than reduced wall conduit for heavy duty use in dry locations similar to RWA and RWS conduit
- DE-710 conduit is suitable for installation in office furniture and medical equipment, round or ovalized (contact us about ovalized DE-710 conduit options)
- UL Recognized #E39679, DXUZ2 and CSA Acceptable #LO 4000-4158 



**DE-710 and DSL:
Square Lock Profile**

DSL Distributor Square Lock (SL) Conduit 5/16 to 3/4 inch

- DSL conduit is flexible in small diameters for light duty use
- Suitable for protecting wiring in dry locations where UL approval is not required, such as protecting wiring, sensors and optical fiber in OEM equipment



Comparison

- Reduced Wall Aluminum (RWA) and Reduced Wall Galvanized Steel (RWS) conduit types from ANAMET Electrical, Inc. conform to National Electrical Code (NEC) requirements for flexible metal conduit (FMC, Greenfield or Flex)
- DE-710 and DSL conduit is available in smaller diameters than RWA, RWS and most non-metallic conduit
- The square lock profile of DE-710 and DSL conduit provides improved tensile strength and flexibility over RWA and RWS conduit



See our
catalog on
the web



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