

PRODUCT SUBMITTAL

WIRE-BOND

Polymer Coated 1500hr Screw (for Steel Stud)



DESCRIPTION / MATERIAL CONFORMANCE

Polymer Screw:

- The maximum in corrosion resistant coatings.
- Average of 30 cycles of corrosion resistance.
- Provides long-term corrosion protection.
- Compatible with painted or metal surfaces.
- Out performs existing mechanical and electro-platings.
- Does not promote corrosion that can be caused by electro-chemical reaction between dissimilar metals.

ASTM - C954

Darco coating designed to sustain ASTM - B117 1500 hours

DESCRIPTION / MATERIAL CONFORMANCE

Washer:

Metal Portion: Darco coating designed to sustain ASTM - B117 1500 hours.

Material: EPDM (ethylene propylene diene monomer rubber)

Mechanical properties of EPDM

Property	Value
Hardness, Shore A	30-90
Tensile failure stress, ultimate 17	MPa (500-2500 PSI)
Elongation after fracture in %	≥ 300%
Density	Can be compounded from 0.90 to >2.0 g/cm ³

Thermal properties of EPDM

Coefficient of thermal expansion, linear[7]	160 μm/(m·K)
Maximum service temperature[8]	150 °C
Minimum service temperature[8]	-50 °C
Glass transition temperature	-54 °C

SIZES / FINISHES

Sizes:

#10 x 1-1/2" #12 x 2" #12 x 3" #12 x 4"
1/4" x 5"

9/16" EPDM Washer : yes no

Finish: Polymer Coated



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