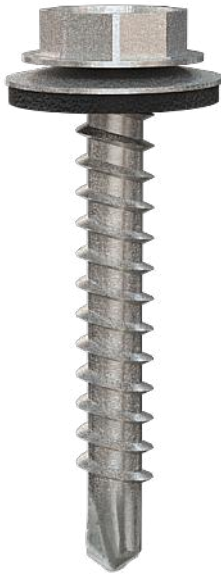


# PRODUCT SUBMITTAL

**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 <sup>3</sup>

#### 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



**WIRE-BOND**

[www.wirebond.com](http://www.wirebond.com)

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