

Dear Customer

The term “RoHS Compliance” has certainly been the hot topic for the past year as the date of the European directive to remove hazardous substances draws nearer. Our standard finish, commonly referred to as Zinc Yellow has a base zinc electroplate with a Hexavalent, Cr+6, Chromate layer for added corrosion protection. However, Hexavalent Chromate is not RoHS compliant. Consequently, Sherex has developed several options for our line of Blind Rivet Nut Insert fasteners that meet the requirements of RoHS compliance and also the industry standard for salt spray protection.

Option 1 is our Trivalent Series Plating. Trivalent Chromate, Cr+3, has been the popular substitute for Hexavalent Chromate to achieve compliance. However, Zinc with Trivalent Chromate does not meet the 96 hr salt spray standard of the industry. For this reason, we have worked with our plating companies to develop a special trivalent finish that does meet the 96 hr corrosion free requirement. To order this plating option, simply add a T at the end of the part. For instance, CAL2-2520-165 with our Trivalent Chromate will be CAL2-2520-165T. The color of this finish is silver with blue hues. Sherex does not recommend dyeing parts yellow to match the Zinc Yellow the industry is familiar with. Dyeing adds cost to the process and also makes identifying Hex Cr+6 free product difficult and expensive.

Option 2 is outlined by our attached CR and CRE Series product sheet. These two finish options offer a completely Chromate free finish with exceptional corrosion resistance compared to standard finishes.

Should you have any further questions regarding RoHS Compliance for rivet nut inserts, feel free to contact Sherex. Thank you and have a great day!

Sincerely,

Adam Pratt
Vice President