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## C.A.I.'s BLACK OXIDE (BX) PRODUCTS

**This document contains important information regarding the Handling, Care, Treatment and Details of your Black Oxide materials.**

**\*\*\* PLEASE READ \*\*\***

### **Handling**

Before unpacking your order, please be advised that Black Oxide products, by the nature of their processing, have a solvent-based oil coating on them. This coating will come off when handled. Ultimately, this coating will dry over time, but it can also be removed manually and prematurely. We recommend using a Powder-Free glove made from Nitrile or another Powder-Free Industrial Grade Glove when handling and installing these materials. It is important to understand that while the material is now more resistant to corrosion and galling, you should still treat this as any product with an applied finish, i.e. a painted surface, a brushed metal or any specialized coating. Like any surface, it will acquire damage from abuse.

### **Care**

These products are made from 316 Marine Grade Stainless Steel and then treated. Therefore, it is recommended to treat these items as you would a bare 316SS item. While the Black Oxide does provide additional protection to the metal beneath, using an appropriate cleaner and applying a protective product can lengthen the life of your product's aesthetics and quality. Once you have completed your cable installation, we recommend hand-rinsing these products with a damp Lint-Free cloth to aid in the removal of any excess Black Oxide oil, finger prints, and other contaminating particles that have been introduced to the metal.

Lastly, using a **new** Lint-Free cloth, apply our *Boeshield T-9 Lubricant* to reintroduce a reflective finish and to add another layer of corrosion prevention and contaminant protection.

### **Black Oxide Processing**

Our Black Oxide materials are submerged and bathed in a combination of specialized activators and oxidizing agents all within an alkaline base. This includes additives to further increase corrosion resistance to the metal. Unlike some methods, the material's integrity is not compromised through this process. As with any custom finish, these materials may contain surface imperfections. However, we always do our best to only ship materials of high quality.

### **Details:**

To find out more about the products available in Black Oxide, please visit our website to view the cable and fittings that we stock with a Black Oxide finish. In certain instances, we can process cable types and fittings that may not be shown on our website.

### **Warranty:**

The Black Oxide finish has no warranty. This is an esthetic finish. With proper handling and maintenance, it is known to have an extended life span.

This can vary depending on how the material is handled, maintained and the environment in which it is used. The structurability of the material is not compromised with the Black Oxide finish.

**Thank you for using Cable Art Incorporated. We appreciate your business!**