

Product Name T-255A
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Technical Data Sheet **T-255A Anti-Fray Flame Retardant Saturant**

Wgt. per Gal: 8.8 lbs.

The **T-255A Anti-Fray Flame Retardant Saturant** is a **water based material** designed to prevent fraying of braided wire which is essential for termination of the wire to the connectors.

The anti-fray saturant can be applied in two ways. The first method is to place a tray under the braider containing the saturant. The insulated wire is then run under a wheel of sheaves located in the tray at which time the insulation will pick up the saturant and travel to the braider head where the glass is braided directly onto the saturated insulation. A pulley located above the braider is recommended for additional drying before going to the take up capstan.

The second method is to apply the saturant in a regular lacquering system, forcing the saturant in the interstices on the braid, using a rubber wiping die.

This method seems to produce better results. When properly applied and dried, the saturated braid will produce a nice even cut without showing any signs of fraying and exhibit good flame resistant properties.

Conventional cable coatings can be applied over the saturated braid for added gloss and abrasion resistance.