

Tra-Con Tra-Coat 15C UV Curable Coating Adhesive

Categories: [Polymer](#); [Adhesive](#); [Thermoset](#)

Material TRA-COAT 15C is a clear, non-yellowing, UV curable nameplate coating that is ideal for applications that require a glossy, "lens-like" finish. TRA-COAT 15C will cure at a rate of 5-10 feet per minute with a 200 watt/inch medium pressure mercury vapor lamp. This photopolymer will also offer low shrinkage during cure and excellent stability thereafter. TRA-COAT 15C is a flexible material that offers excellent adhesion to many substrates including glass, most metals, and many plastics. TRA-COAT 15C has been used successfully in the lamination of nameplates, badges, labels, coating of plastic parts and also bonding applications in liquid crystal displays and other optical end products.

Notes:

Information provided by Tra-Con Inc.

Physical Properties	Metric	English	Comments
Viscosity	<u>1175</u> cP @Temperature 25.0 °C	<u>1175</u> cP @Temperature 77.0 °F	Mixed, ssa# 14, 100 rpm

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	83	83	

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	<u>11.0</u> °C	<u>51.8</u> °F	Ultimate Tg

Descriptive Properties	
Color	Clear

Some of the values displayed above may have been converted from their original units and/or rounded in order to display the information in a consistent format. Users requiring more precise data for scientific or engineering calculations can click on the property value to see the original value as well as raw conversions to equivalent units. We advise that you only use the original value or one of its raw conversions in your calculations to minimize rounding error. We also ask that you refer to MatWeb's [terms of use](#) regarding this information. [Click here](#) to view all the property values for this datasheet as they were originally entered into MatWeb.