

# Tru-Bond™ DC 1000

Acrylic

Devcon

## Message:

The Tru-Bond™ Dual Cure series of products can be used with UV/Visible Light and/or a Heat cure. These rapid curing products are designed for multiple applications including protective coatings, potting and tamper proofing. Provides a hard scratch resistant surface for decals, tags and emblems. This unique product can cure tack free under standard low intensity black lights without experiencing oxygen inhibition.

General Information			
Features	Fast Cure		
	Heat Cure		
	Scratch Resistant		
	Tack Free		
	UV Curable		
Uses	Coating Applications		
Appearance	Clear/Transparent		
Processing Method	Potting		
Physical	Nominal Value	Unit	Test Method
Water Absorption (24 hr)	1.1	%	ASTM D570
VOC Content	< 1.0	%	
Non-Volatile Content	> 99	%	
Temperature Range	-54 to 149	°C	
Volume Shrinkage	5.7	%	
Linear Shrinkage	1.8	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	78		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	7.09	MPa	
Tensile Elongation (Break)	7.4	%	ASTM D638
Films	Nominal Value	Unit	Test Method
Elastic Modulus - MD	132	MPa	ASTM D882
Optical	Nominal Value		
Refractive Index	1.550		
Clarity	> 98.0		
Thermoset	Nominal Value	Unit	
Shelf Life	100	wk	
Uncured Properties	Nominal Value	Unit	
Color	Clear/Transparent		
Density	1.17	g/cm <sup>3</sup>	
Flash Point	> 100	°C	

Viscosity	1.0	Pa·s
Curing Time (149°C)	0.25	hr

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#### Recommended distributors for this material

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