/CON®

2 Ton® Epoxy

Description: Extremely strong, medium-cure, water-resistant clear adhesive that will self-level after application.

Bonding parts in a structural environment or potting electronic components and assemblies.

Intended Use:

Features:

Cures without shrinking. Good impact resistance. Produces strong, rigid bond on metal, ceramics, wood, concrete, glass, or combinations.

es: Cu	red 7 Days @ 75°F (24°C)	Typical Values	Standard Tests
	nesive Lap Shear (GBS)	2,250 psi (15.5 MPa)	Adhesive Lap Shear ASTM D1002
	lectric Strength	600 volts/mil (23.6 kV/mm)	Dielectric Strength ASTM D149
	mpression Strength	11,000 psi (75.8 MPa)	Compressive Strength ASTM D695
	rdness	83 Shore D	Cured Hardness ASTM D2240
	bact Resistance	6.5 ft. lb./in ² (13.6 kj/m ²)	Guida Haraness AGHM D2240
	rvice Temperature	-40°F - 200°F (-40°C - 93°C)	
	ids by Volume	100	
	ecific Volume	25.2 in ³ /lb. (0.91 cm ³ /g)	
	nsile Elongation	1%	
T-P	•	2-3 pli (0.35 - 0.53 N/mm)	
	cured Properties @ 72°F (23°C)	,	
Col		Clear	
	rking Time	8-12 minutes	
	ture Time	30-35 minutes	
	nctional Cure	2 hours	
	l Cure	16 hours	
	Ratio by Volume	1:1	
	Ratio by Weight	1.2:1	
	ed Density	9.17 lb/gal (1.10 g/cm ³)	
	ed Viscosity	8.000 cP	
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CAPABILITIES:

Can withstand processing forces

Do not drop, shock load, or heavily load

Store in a cool, dry place. A shelf life of 3 years from date of manufacture can be expected when stored at room temperature (22°C)

in their original containers. The expiry will be displayed on the product packaging.				
None				
Chemical resistance is calculated with a 7 day, room temp. cure (30 days immersion) @ 75°F (24C)				
Acetic 10% (Dilute) Poor	Hydrochloric 10%	Poor		
Acetone	Isopropanol	Poor		
Ammonia Very Good	Kerosene	Excellent		
Corn Oil Excellent	Methyl Ethyl Ketone	Poor		
Cutting Oil Excellent	Mineral Spirits	Excellent		
Ethanol Poor	Motor Oil	Excellent		
Gasoline (Unleaded) Poor	Sodium Hydroxide 10%	Very Good		
Glycol/Antifreeze Excellent	Sulfuric 10%	Poor		
FOR INDUSTRIAL USE ONLY: Please	efer to the appropriate <u>S</u> aftey <u>D</u> ata <u>S</u> heet pr	ior to using this product.		
ITW Performance Polymers will replace any material found to be defective. Because the storage, handling and application of this material is beyond our control, we can accept no liability for the results obtained.				
Item No.Package Size1431025ml Dev-Tube™1426050ml cartridge20222200ml cartridge14355400ml cartridge143609lb kit				
www.itwpp.com ITW Performance Polymers (US) 30 Endicott Street Danvers, MA 01923 USA TEL: 855 489 7262 FAX: 978 774 0516 Email: info@itwpp.com	ITW Performance Polymers (EMEA) Bay 150, Shannon Industrial Estate Shannon, County Clare, Ireland V14 DF82 TEL: +353 61 771 500 FAX: +353 61 471 285 Email: customerservice.shannon@itwpp.com			
 Product Use: The information herein is based upon good faith testing that ITW PP believes are reliable, but the accuracy or completeness of such information is not guaranteed. Many factors beyond ITW PP control and uniquely within user's knowledge and control can affect the use and performance of an ITW PP product in a particular application. Given the variety of influencers on performance, the data here is not intended to substitute end user testing. It is the end users sole responsible for evaluating any ITW PP product and determining whether it is fit for a particular purpose and suitable for user's design, production, and final application. Exclusion of Warranties: As to the herein described materials and test results, there are no warranties which extend beyond the description on the face hereof. ITW PP makes no other warranties, express or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose. Since the use of the herein described involves many variables in methods of application, design, handling and/or use, the user, in accepting and using these materials, assumes all responsibility for the end result. ITW PP shall not otherwise be liable for loss of damages, whether direct, indirect, special, incidental, or consequential, regardless of the legal theory assetted including negligence warranty or strict liability. 				
	None Chemical resistance is calculated with a Acetic 10% (Dilute) Poor Acetone Fair Ammonia Very Good Corn Oil Excellent Cutting Oil Excellent Ethanol Poor Gasoline (Unleaded) Poor Gasoline (Unleaded) Poor Glycol/Antifreeze Excellent FOR INDUSTRIAL USE ONLY: Please r ITW Performance Polymers will replace a is beyond our control, we can accept no Item No. Package Size 14310 25ml Dev-Tube™ 14260 50ml cartridge 20222 200ml cartridge 20222 200ml cartridge 14360 9lb kit Www.itwpp.com ITW Performance Polymers (US) 30 Endicott Street Danvers, MA 01923 USA TEL: 855 489 7262 FAX: 978 774 0516 Email: info@itwpp.com Product Use: The information herein is I of such information is not guaranteed. Mathe use and performance of an ITW PP p not intended to substitute end user testin it is fit or a particular purpose and suitab Exclusion of Warranties: As to the hered description on the face hereof. ITW PP m <th>None Chemical resistance is calculated with a 7 day, room temp. cure (30 days immersion) Acetic 10% (Dilute) Poor Acetic 10% (Dilute) Poor Armononia Very Good Corn Oil Excellent Cutting Oil Excellent Ethanol Poor Gasoline (Unleaded) Poor Glycol/Antifreeze Excellent FOR INDUSTRIAL USE ONLY: Please refer to the appropriate Saftey Data Sheet pr ITW Performance Polymers will replace any material found to be defective. Because is beyond our control, we can accept no liability for the results obtained. Item No. Package Size 14310 25ml Dev-Tube™ 14260 50ml cartridge 14355 400ml cartridge 14360 9lb kit www.itwpp.com ITW Performance Polymers (EMEA) 30 Enclost Street Bay 150, Shannon Industrial Estate Danvers, MA 01923 USA Shannon, County Clare, Ireland V14 DF8 TEL: 855 489 7262 TEL: 453 61 771 500 FAX: 978 774 0516 FAX: 4535 01 471 285 Email: info@itwpp.com Email: customerservice.shannon@itwpp. Product Use: The information herein is based upon</th>	None Chemical resistance is calculated with a 7 day, room temp. cure (30 days immersion) Acetic 10% (Dilute) Poor Acetic 10% (Dilute) Poor Armononia Very Good Corn Oil Excellent Cutting Oil Excellent Ethanol Poor Gasoline (Unleaded) Poor Glycol/Antifreeze Excellent FOR INDUSTRIAL USE ONLY: Please refer to the appropriate Saftey Data Sheet pr ITW Performance Polymers will replace any material found to be defective. Because is beyond our control, we can accept no liability for the results obtained. Item No. Package Size 14310 25ml Dev-Tube™ 14260 50ml cartridge 14355 400ml cartridge 14360 9lb kit www.itwpp.com ITW Performance Polymers (EMEA) 30 Enclost Street Bay 150, Shannon Industrial Estate Danvers, MA 01923 USA Shannon, County Clare, Ireland V14 DF8 TEL: 855 489 7262 TEL: 453 61 771 500 FAX: 978 774 0516 FAX: 4535 01 471 285 Email: info@itwpp.com Email: customerservice.shannon@itwpp. Product Use: The information herein is based upon		