

# Devcon Zip Patch

Epoxy; Epoxide

Devcon

Message:

A fast-setting patch system for making permanent, waterproof field repairs.

Intended Use:  
Patching PVC/ABS piping, tanks, vessels, and containers. Repairing all substrates with a 1 hour functional cure.

Product Features:  
Low odor technology  
Room temperature cure  
Non-sagging formula  
Bonds dissimilar substrates  
Minimal surface preparation  
Strong adhesion

General Information			
Features	Adhesiveness		
	Fast curing		
	Good adhesion		
	The smell is low to none		
Uses	Repair Materials		
Appearance	Brown		
Physical	Nominal Value	Unit	Test Method
Molding Shrinkage - Flow	0.10	%	ASTM D2566
Solid content-by Volume	100	%	
Peel strength-GBS	6.1	kN/m	
Impact Resistance	63.0	kJ/m <sup>2</sup>	ASTM D950
Service Temperature	93	°C	
Tensile Shear Adhesion			
ABS, PVC	8.27	MPa	
AL	16.5	MPa	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	70		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1320	MPa	ASTM D638
Tensile Strength	68.9	MPa	ASTM D638
Tensile Elongation (Break)	15 - 25	%	
Flexural Strength	131	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
CLTE - Flow	1.2E-5	cm/cm/°C	ASTM D696
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	9.8	kV/mm	ASTM D149

Thermoset	Nominal Value	Unit
Pot Life	5.0	min
Thermoset Mix Viscosity	17000	cP
Additional Information	Nominal Value	Unit
Cured 7 days @ 75°F		
Uncured Properties	Nominal Value	Unit
Flash Point	149	°C
Curing Time	4.0	hr

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#### Recommended distributors for this material

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