



H.B. Fuller



Engineering Adhesives

TECHNICAL DATA SHEET

FH7026 Datasheet

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Electronic Materials

Two-part Arcylic Adhesive

Material Description

FH7026 is a two part, room temperature curing acrylic adhesive. This material is designed to the requirement for structural bonding of electronic assemblies. This material cures rapidly at room temperature, cure times can be reduced with the addition of mild heat to the bonded assemblies. The product also provides excellent adhesion and flexible.

Features and Benefits

- Cures rapidly at room temperature
- Excellent adhesion and flexible
- Structural bonding of plastic and metal components such as display, top case

Curing Profile

Recommended cure:

- 24 hours @ 25°C

Contact HB Fuller technical support for additional curing recommendations

Typical Uncured Properties Part A	
Property	Value
Color	White liquid
Viscosity(cps@25°C)	19, 000
Specific Gravity, g/cm ³	0.99

Typical Uncured Properties Part B	
Property	Value
Color	Blue liquid
Viscosity(cps@25°C)	23,000
Specific Gravity, g/cm ³	1.12

Typical Uncured Properties Mixed	
Property	Value
Mix Ratio, by volume, Part A:Part B	10:1
Work time, (mins 25°C)	2-4
Fixture time,(mins/25°C)	4-6
Color after cured	Green

Typical cured Properties Cure at 25°C for 24hours	
Property	Value
Elongation, %	48.9
Tensile strength at break, MPa	13.1
Young modulus, MPa	430
Storage modulus, MPa	1100
Lap-shear strength	MPa
Al/Al	29.8
PC/PC	9.2 (Substrate failure)
PC/Al	8.8 (PC substrate failure)
SUS/SUS	27.1

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Application Instructions

1. Bonding surface area should be clean and free of any fluxes, residues, dust or any other contaminants.
2. Use gloves to minimize skin contact.
3. Application to the substrates should be made as soon as possible. Larger quantities and / or higher temperatures will reduce the working time.
4. Keep assembled parts from moving during cure. The bond should be allowed to develop full strength before subjecting to any service load.
5. Remove uncured adhesive

Contact HB Fuller technical support for additional material handling recommendations.

Storage Conditions

FH7026 is supplied in 50ml and 490ml / dual- cartridge. It should be stored in 2°C to 8°C in the unopened container in a dry location.
Shelf life is 9 months from date of manufacture.

Typical Packaging

Please contact your local Sales Office for available packaging options.

Disposal Advice

Please refer to the MSDS for disposal instructions.

Safety Advice

Please refer to the MSDS for safety advice.

Date Modified: 04/01/2018

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