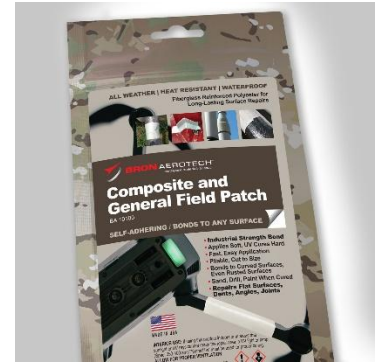


BA 10100

Composite and General Field Patch

Description:

BA 10100 Composite & General Field Patch is a unique in-field composite and general adhesive patch material designed to reduce downtime for aircraft, weapons, marine and other vehicles and applications. BA 10100 is also ideal for drone (AUS, UGV, UUV) spot repair. It quickly cures and hardens with UV light or sun's natural UV rays. Ideal for general maintenance and bonds well to fiberglass, plastic, metal, rubber, pipes and hoses.



Features & Benefits:

- Can be drilled, tapped, sanded and painted
- Impact resisting
- No tools, mixing or measuring needed
- Waterproof and weather and UV resistant
- Will not rust or rot

Applications:

Composite repair

Patching

Reinforcing

Sealing

Construction/ Typical Properties	Value		Test Method
Adhesion:	>500 PSI		(BS 2782 – 1992)
Arc Resistance:	>180 seconds		ASTM D495
Curing Mechanism:	Ultra Violet (UV) natural or UV lamp		
CoEff. Of Thermal Expansion:	2.9 10-5 Degree C		(BS 2782 – 1995)
Compression Strength:	29,000 PSI		(BS 2782 – 1998)
Dielectric Strength:	9KV/mm		IEC 243
Elongation at Break:	>3%		(BS 2782 – 1994)
Flash Point:	840° F		Flash Point:
Fire Rating:	Class A		ASTM E84
Flexural Strength:	>18,000 PSI		ASTM D790-03
Flexural Modulus:	879,060 PSI		ASTM D2344
Hardness:	>60 Barcol		(BS 2782 – 1997)
Impact Resistance:	>60 Kj/sqm		(BS 2782 – 1996)
Insulation Resistance:	10 ¹³ ohms		IEC 93
Tracking Resistance:	>600 volts		IEC 112 15,432 lbs/sq. ft.
Total Thickness:	67 - 75 mils	1700 – 1900 µm	
Tensile Strength:	7970 PSI		(BS 2782 – 1994)
Temperature Resistance:	-30° to +365° F	-34.4°C - 185°C	
Water Vapor Permeability:	0.28g/m2/24h/mmHg		ASTM E96

Approvals:

- FAR 25.853

The physical properties listed above are typical values and are not to be construed as specifications. Our suggestions and recommendations for use are based on tests we believe to be reliable. Bron Aerotech does not warrant that the product is fit for any particular purpose. Purchaser must determine suitability of the product for the intended use. Bron Aerotech, Inc. assumes no liability for claims beyond the replacement value of our product proved to be defective. Manufactured for and distributed by Bron Aerotech.

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