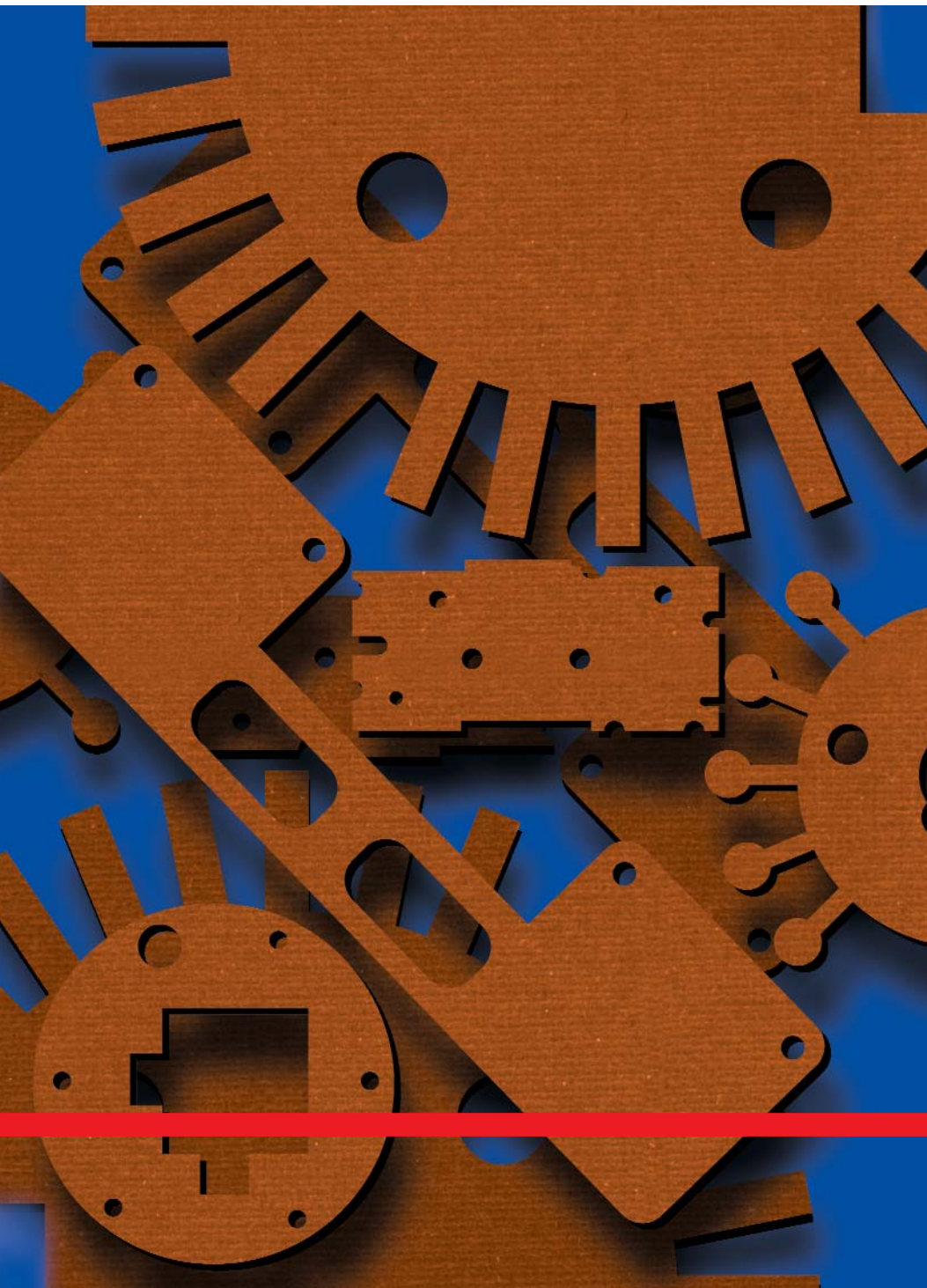


Voltoid®

D-225

Designed for exposure to moderately high humidity or ambient moisture conditions

D-225



APPLICATIONS

Circuit Breaker:

Back plate barrier and arc chute insulation.

Distribution Transformers:

Breaker plates.

Flourescent Fixture:

Transformer core insulation.

Electrical Appliance:

Accessibility panel as well as an electrical and flame barrier material.

Dry Cell Battery:

Case material.

InterFace
Solutions

Technically Reliable, Cost-Effective Solutions
Available through: Accurate Felt & Gasket
T: 708-780-9000 E: sales@afgco.com

Voltoid® D-225 exhibits superior electrical performance and flame retardance in a competitively priced barrier or insulation material, including achieving an Underwriters Laboratories' flame class rating of 94 V-0.

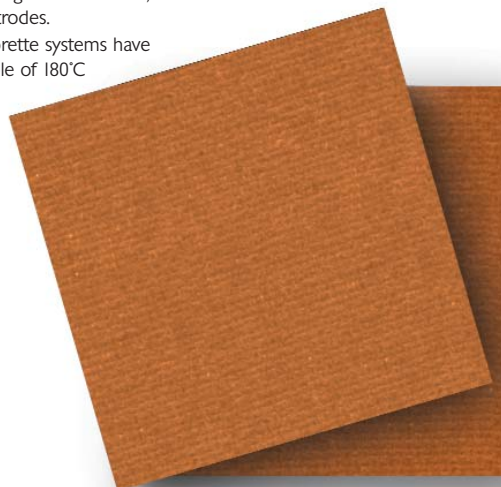
D-225

Voltoid Typical Data Structural/Electrical Insulation Materials

		Tensile Strength, min (g/cc)	Tensile Strength, MD (psi)	Tensile Strength, CD (psi)	UL 94 Flame Class	Relative Temp Index, Electrical (C)	Relative Temp Index, Mechanical (C)	Dielectric Strength Short Term (V/mil)	Thickness	Sheet	Roll
D-800	High phenolic resin content for mechanical strength and rigidity. Used for support of current carrying components.	1.05	12,000	8,000	HB	105	105	270	0.031" 0.045" 0.062" 0.093" 0.125"	X	
Flame Retardant Materials											
D-100	Widely used in appliances for its economical combination of properties, including UL 94 V-O	1.10	12,000	7,000	V-0	90	90	200	0.031" 0.062" 0.093" 0.125"	X	
D-225	Superior electrical performance and flame retardance in a competitively priced barrier material.	1.10	11,000	7,000	V-0	90	90	225	0.015" 0.020" 0.031" 0.062"	X	
S-350	Cost-effective flame retardant sheet, suitable for flat and some formed parts.	0.95	9,000	4,000	V-0	90	90	170	0.020" 0.031" 0.045" 0.062" 0.125"	X	
V-090	A medium density material used primarily as a flexible composite electrical insulator.	1.04	1,500	1,150	5VA	50	50	120	0.015" 0.031"		X
HP-450	A sheet-based material designed to provide superior flame barrier properties and dimensional stability at elevated temperatures.	1.55	4,500	3,500	5VA	180°	N/A	350	0.015" 0.031" 0.045" 0.062" 0.125"	X	

- Notes:
- Typical values are based on 0.031" product.
 - Dielectric strength determined according to ASTM D 149, short term method, using type I electrodes.
 - Independent laboratory tests on motorette systems have indicated that Voltoid HP-450 is capable of 180°C upper use temperatures.

Please understand that you are responsible for the accuracy of all project specifications, including any Interface Solutions guide specifications that you use. Interface Solutions shall not be liable for any damages arising out of the use of any of its guide specifications.



www.afgco.com

Available Through:
Accurate Felt & Gasket
3239 South 51st Ave.
Cicero, IL 60804
T: 708-780-9000
F: 708-780-9009
E: sales@afgco.com

www.sealinfo.com

Interface Solutions, Inc.
216 Wohlsen Way
Lancaster, PA 17603-4043
717-207-6000

For Customer Service Contact:
Interface Solutions, Inc.
12 Davis Street
Hoosick Falls, NY 12090
Toll Free 800-942-7538
Tel (518) 686-3400
Fax (518) 686-3480

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