



## Product Bulletin

### Product Description

#### JFOAM™ G-508

JFoam™ G-508 is used for structural panels, insulation, and potting applications.

### Typical Chemical Properties

#### Viscosity

	<u>70°F</u>	<u>80°F</u>	<u>90°F</u>	<u>100°F</u>	<u>110°F</u>	<u>120°F</u>
R Component, cps	28,750	23,500	16,250	9,000	4,500	3,250
T Component, cps	1,750	1,325	870	620	435	310

#### Mixing Ratio (% by weight)

R Component Water Blown Polyol	30
T Component TDI Prepolymer	70

### Typical Physical Properties

Molded Density, pcf .....	8.0
Compressive Strength	
Parallel, psi.....	180
Perpendicular, psi .....	150
K-Factor, BTU in/hr. ft <sup>2</sup> °F.....	0.26
Water Absorption, 10' head, 24 hours, %.....	0.03
Closed Cell Content, %.....	95
Maximum operating temperature, °F.....	180

### Processing Parameters

Both components should be at room temperature; 70-75°F. Add R component to T component. For maximum adhesion to metal surfaces, preheat part to 140-150°F. Mix 20-30 seconds with power mixing equipment or 1-1 ½ minutes by spatula. Pour as soon as increase in volume and exotherm is noted. Foam will cure at room temperature in ½ hour. If molding, allow one hour in mold time. Cool mold below 125° before removing part.

## Storage

Avoid moisture contamination during storage, handling, and processing. Store the polyol and isocyanate components from 65°F to 85°F. Do not expose isocyanate component to lower temperatures as freezing may occur.

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## Shelf Life

The shelf life is 6 months if stored in original unopened containers.

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## Health and Safety Information

Safety Data Sheets are available which provide information concerning the health and safety precautions that must be observed when handling this product. Before working with this product, you must read and become familiar with the available information on the risks involved, proper use, and handling.

All polyurethane foam burns in varying degrees, which in turn liberates toxic gases; the foam should be evaluated in its final form for compliance to existing standards in your industry. Nothing contained herein grants or extends a license, express or implied, in connection with patents, issued or pending, of the manufacturer or others. The information contained herein is based on the manufacturer's own study and the works of others. The manufacturer makes no warranties, expressed or implied, as to the accuracy, completeness, or adequacy of the information contained herein. The manufacturer shall not be liable (regardless of fault) to the vendee's employees, or anyone for any direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnishing of such information.

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