



**PRODUCT DESCRIPTION**

The EZF1.0 polyurethane packaging foam system exhibits slow rise. Our heaviest conventional packaging foam, this is for shipping the largest and heaviest items, requiring extra support that may be too much for our 0.5 lb. and 0.75 lb. foams. This product is designed for crates and very large boxes needed for large, heavy industrial parts. It allows time for forklifts or other machinery to be used to place the items in the box. The 1 lb. density range protects some of the heaviest, largest parts including valves, machine parts, automotive, aviation, electronics, and others. This product does not contain any CFC or HCFC blowing agents.

**APPLICATIONS**

The EZF1.0 system has been formulated for use in packaging of electronic equipment, medical instruments, ceramics and other applications requiring shock absorption and vibration dampening. The EZF1.0 system can also be used for void filling or making premolded inserts of various shapes and sizes.

**STORAGE AND HANDLING**

Containers for both Side-A and Side-B components should be kept tightly closed to prevent moisture contamination. Do not reseal if contamination is suspected. To extend the chemical's life, the use of a dry nitrogen blanket for partial drums is recommended. Both chemicals may be stored at ambient temperatures (50-95°F) (10-35°C). For best results, this product should not be allowed to freeze. Do not breathe aerosol or vapors and avoid contact with skin and eyes. Exposure to vapors of MDI (Aside chemical) heated in an open container can be dangerous.

**HEALTH AND SAFETY**

Appropriate literature is available from E-Z Flow which provides information concerning the health and safety precautions that must be observed when handling any of the products listed above. Before working with these products, it is your responsibility to read and become familiar with the available information on the hazards, proper use and handling. This is extremely important and cannot be overemphasized. Information is available in several forms, e.g. safety data sheets and product labels. To obtain this information, contact your E-Z Flow Foam Systems representative.

**TYPICAL PROPERTIES SIDE-A (ISO)**

<b>Viscosity @ 77°F (25°C)</b>	180-250 cps
<b>Specific Gravity @ 77°F (25°C)</b>	1.22 - 1.24
<b>Appearance @ 77°F (25°C)</b>	liquid

**TYPICAL PROPERTIES SIDE-B (POLYOL BLEND)**

<b>Viscosity @ 77°F (25°C)</b>	320-400 cps
<b>Specific Gravity @ 77°F (25°C)</b>	1.00 - 1.02
<b>Appearance @ 77°F (25°C)</b>	viscous liquid

**TYPICAL PHYSICAL PROPERTIES**

<b>Cream Time</b>	32-40 seconds
<b>Rise Time</b>	155 - 180 seconds
<b>Demold Time</b>	6-10 minutes
<b>Density, pcf</b>	1.05-1.25 lbs/ft3
<b>Compressive Strength, Parallel</b>	N/A      psi (MPa)
<b>Compressive Strength, Perpendicular</b>	N/A      psi (MPa)
<b>Shear Strength</b>	N/A      psi (MPa)
<b>Closed Cell Content</b>	N/A      %

**PROCESSING CHARACTERISTICS**

<b>Ratio, by Volume A:B</b>	50:50
-----------------------------	-------

**INITIAL SUGGESTED MACHINE SETTINGS**

<b>Machine</b>	E-Z Flow Gen IV Foam-In-Place System
<b>Air Pressure Range for 2:1 Pumps operation</b>	95-110 PSI
<b>Isocyanate (A) side Initial Temperature Setting</b>	110° F (43°C)
<b>Polyol Resin (B) side Initial Temperature Setting</b>	120° F (49°C)

*Different temperatures may be required for best results. Consult your E-Z Flow Representative for optimization. Temperatures above 140° F should be avoided on A-side.*



**Limited Warranty and Disclaimer**  
SCAN HERE TO VIEW