

## 20-2028

# FOAM IN PLACE RIGID POLYURETHANE FOAM

### DESCRIPTION:

20-2028 is a light weight, two component, closed cell, liquid urethane foaming resin system. It produces a foam which will provide moisture resistance, high impact strength, better flow and fast mold cycle rates. The density is 11 pounds per cubic foot.

20-2028 is a water blown rigid foam that does not contain any hydrochlorofluorocarbon (HCFC). It is also safer to use since it does not utilize MOCA or TDI.

20-2028 has been formulated for ease in handling with a convenient 1:1 mix ratio. Castings can be hand poured or machine dispensed.

### TYPICAL SPECIFICATIONS:

Mix Ratio, by weight	1:1
Mix Viscosity @ 25°C cps	250
Part A Resin	1,400
Part B Catalyst	200
Specific Gravity, 25°C	
Mixed	1.23
Cream Time, Seconds	60
Demolding Time, Minutes	10
Density, lbs./ft <sup>3</sup>	11.00
Water Absorption, lbs./ft <sup>3</sup> Surface	0.07
Hardness, Shore D	38
Standard Color	Tan
Tensile Strength, psi	60
Thermal Conductivity, W/m- °K	.04
Operating Temperature, °C	-50 to +150
Dielectric Constant @ 1MHz	1.25
Dissipation Factor @ 1MHz	0.005

### INSTRUCTIONS FOR USE:

1. By weight, mix equal parts 20-2028R polyol resin to 20-2028C isocyanate.
2. Mechanical mixing is preferred to hand mixing.  
\*\* NOTE: 60 second cream time
3. Pour and allow to foam.
4. Allow to cure at room temperature. Can be demolded 10-15 minutes after foaming.

Avoid moisture contamination during storage, handling and processing. Store the polyol and isocyanate between 65°-85°F.

Read the Safety Data Sheet before use this product or any other chemical.

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.

### IMPORTANT:

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