



# TECHNICAL DATA

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## FOAMSEAL<sup>®</sup> F12855/FSA21 EXTRUSION BENDING FOAM

### Description

A water blown, two component polyurethane foam system formulated to provide internal cavity support in vinyl bending processing. Extrusions filled with this material can be welded with no deterioration in weld strength, welding plate fouling or off gassing. Profiles filled with the material have lower "U" values. Similar foam systems have been found to exhibit sound transmission loss (STL) properties.

### Application Data

<b>Equipment:</b>	Proportioner must be capable of holding the mix ratio at $\pm 2\%$ and metering the materials at required temperatures and pressures. Foam gun must be capable of efficiently mixing the two components and dispensing them in a uniform stream.
<b>Mix Ratio:</b> (by volume)	"3.47" F12855 : "1" FSA21
<b>Process Temperature:</b>	100° - 110°F
<b>Process Pressure:</b>	800 – 1000 psi

### Material Characteristics

<b>Viscosity:</b> @ 72°F	
FSA21	75 cps
F12855	1130 cps
<b>Specific Gravity:</b>	
FSA21	1.23
F12855	1.06
<b>Density:</b> Free rise	4.2 pcf
<b>"K" Factor:</b>	
btu in/hr-ft <sup>2</sup> -°F	0.263
<b>Cure Time:</b>	24 hours @ 75°F
<b>Storage Temperature:</b>	
FSA21	65° - 90°F
F12855	65° - 90°F

### Shelf Life

This product is warranted against manufacturing defects for a period of six months from the date of manufacture.

### Safety Information

- Read the Material Safety Data Sheet (MSDS) and container labels for detailed health and safety information.
- Do not apply material in enclosed areas without adequate air exchange and ventilation.
- Wear protective clothing, gloves and eye protection.
- Breathing fumes or contact with the skin may cause severe allergic reactions.
- **This product is intended for industrial use by properly trained professional applicators only.**

### Notes

- Extrusion length, cavity size and cavity geometry may affect processing variables such as fill angle, material temperature and material pressure.
- Available in non-returnable 55 gallon steel drums and returnable 250 gallon tote bins.

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