

THERMALLY APPLIED GASKET

Product Overview: InstaForm 54, manufactured at the Fort Worth facility, is a non-foamed thermally applied gasket and sealant designed for use during the roll forming process. It is a non-drying, non-hardening compound that features low resistance to compression and high recovery attributes. As a thermally applied product, InstaForm 54 will burn through the mill oils commonly found on sheet stock, and is a cleaner, more efficient option than the applied butyl caulks often used for in the metal building industry.

Product Uses: InstaForm 54 is designed for use in the metal building industry. It can be applied in both factory and field settings, and is well suited for use in seam roof and wall panel applications.

Technical Information:

Raw Material Base.....	Thermal Plastics	Solids by Weight.....	100%
Color.....	Off-white	MBNA Water Damming Test.....	Passes
Cold Temp. Flex.	Passes	Aging (1000 hrs.).....	Slight Surface Haze
Specific Gravity	1.25 – 1.35	Slump.....	None
Adhesive Tensile (ASTM D987-78).....	>25 psi	Tensile Strength (ASTM D412 Die C).....	40 psi
Plasticizer Migration.....	None	Odor.....	None
Elongation (0°F, 77°F).....	450%, 900%	Water Resistance.....	Excellent

Application Information: InstaForm 54 is designed for use in both factory and field settings. It is applied through the use of a foam melt unit at temperatures ranging from 300°F to 325°F. For best results, the orifice of the nozzle must be held close to the bead. Please contact the equipment manufacturer(s) for additional set up information, such as proper speed settings, orifice sizes, and pressure requirements. Once applied, InstaForm 54 sets within 30 seconds of contact with the intended substrate. It can then be delaminated, if necessary, and placed back into the hot melt dispenser.

Packaging & Handling: No special handling is required for this product, though storage in a cool, dry area is recommended for maximum shelf life and effectiveness. When properly stored and left in its original packaging, InstaForm 54 boasts an unlimited shelf life. It is available in 55 gallon fiber drums, 5 gallon fiber pails, and 2.5 and 5 lb. bricks.

Safety Instructions: Use caution when working with machinery and materials at high temperatures. InstaForm 54 should not be exposed to temperatures exceeding 375°F for prolonged periods of time, as this will result in a thermal breakdown of the compound and compromise its performance capabilities.

Contact Us: For more information regarding this product and others, please contact us at:

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