

PRODUCT DATA SHEET



5880 SELF-ADHESIVE EXPANDABLE WELDABLE SEALERS

GENERAL DESCRIPTION

A preformed, pressure sensitive, expanding weldable elastomeric material with excellent adhesion to many substrates, including galvanized, cold rolled, phosphatized, and primed steel.

FEATURES

- Extruded in tape form in a variety of sizes
- Self-adhering and weldable before bake (2-side tacky)
- Heat activated expansion of 100 to 200%

PRODUCT CONSTRUCTION



APPLICATION

- Exhibits excellent initial adhesion to oily and non-oily metal substrates
- Is designed to expand under typical body shop bake cycles to fill gaps and seal seams in a variety of weld-through applications

PROPERTIES

COLOR	Reddish Brown
SPECIFIC GRAVITY	1.25 – 1.35 typical
SOLIDS CONTENT	99% minimum by weight
EXPANSION CHARACTERISTICS Volumetric, baked 20 minutes at 325°F	100 - 200% (i.e., 2 to 3 times original volume)
HARDNESS ASTM D-5, 50 g	8.5 – 10.5 mm
ENVIRONMENTAL RESISTANCE	No loss of adhesion, under-cutting corrosion or other detrimental effects
WATER ABSORPTION (After Bake)	5% maximum
WELDABILITY	Passes GM9827P and FLTM BV 109-02
FLAME RESISTANCE	Self-extinguishing for 50 passes with a 2 inch flame
COLD RESISTANCE After bake	Material withstands ten slams at -30°C with no cracking or loss of adhesion
SHELF LIFE	6 months when stored within proper storage conditions (15C - 35C & 25% - 50% RH)

Disclaimer: The technical information on this product data sheet is based on measured value obtained from laboratory tests. Actual results may vary due to differences in lab/process evaluation conditions.