

ACTION Magnet is the magnetic base component for Signetics® Magnetic Receptive Media. In most applications, the permanently magnetized material is installed once and serves as the base for the magnetic receptive graphics. Action Magnet is compatible with all known magnetic receptive media. There are several variations of ACTION magnet for differing applications.

30-mil Standard energy with indoor adhesive

Hi-tack permanent adhesive ideal for mounting to smooth surfaces to create backer boards

Supports multiple layers of Signetics®

Standard roll: 24.375" x 50'

30-mil High energy with indoor adhesive

Hi-tack permanent adhesive ideal for mounting to smooth surfaces to create backer boards

Supports multiple layers of Signetics®

Standard roll: 24.375" x 50'

30-mil Standard energy with PLUS adhesive

A premium adhesive that is resistant to outdoor elements such as sunlight or larger temperature changes.

Supports multiple layers of Signetics®

Standard roll: 24.375" x 50'

Shelf Life

40-mil High energy double-sided

Magnetized on both sides of the sheet for application to metal fixtures or magnetic receptive surfaces without the use of adhesives

Supports multiple layers of Signetics®

Standard roll: 24.375" x 50'

Standard Indoor Adhesive

Quick Tack on Stainless Steel	CTM- 25	10.0 lbs/sq in
Peel Adhesion on Stainless Steel (30 minutes)	PSTC-3	8.0 Lbs/in
Shear on Stainless Steel (1000 g/sq in @ 72°F)	PSTC-7	300+ hours
Adhesive Thickness with PET carrier	Caliper	0.0029 in
Application Temperature Range		Above 50°F
Service Temperature Range		0 - 150°F

Plus Adhesive

Quick Tack on Stainless Steel	CTM- 25	4.5 lbs/sq in
Peel Adhesion on Stainless Steel (30 minutes)	PSTC-3	4.0 Lbs/in
Shear on Stainless Steel (1000 g/sq in @ 72°F)	PSTC-7	300+ hours
Adhesive Thickness with PET carrier	Caliper	0.0052 in
Application Temperature Range		Above 50°F
Service Temperature Range		0 - 250°F

All statements, technical information and recommendations about Ultraflex products are based upon tests believed to be reliable but do not constitute a guarantee or warranty. All Ultraflex products are sold with the understanding that the purchaser has independently assumed responsibility in determining the suitability of such product for its purposes.

ACTION Magnet Preparation and Considerations

Lay Flat: Magnet rolls have a curl “memory” that will relax over time. Magnet must lay flat prior to installation. Magnet must be unrolled, placed curled side down and allowed to lay flat for a minimum of 60 minutes (*overnight is highly recommended). Trying to install the magnet with curl (pulling away from the surface), combined with the weight of the magnet, will increase the chance of adhesion failure.

Temperature: To accelerate adhesion to the fixed substrate, it is crucial that the adhesive-backed magnet be warmed to 50° F or higher.

Weight: Magnet is generally heavy. Use caution and proper lifting techniques when moving or working with the material.

Tiling: Panels should be applied with a slight gap (1/32” to 1/16”) between each one. The gap will allow Signetics® to span over the seam with little or no visible affect. Butt seaming, can introduce a ridge or tenting that might be visible in the magnetic receptive layer(s). Although material may appear flat initially, subtle movement in the magnet or the substrate may occur over time, making the defect visible.

Surface Preparation: The intended application surface must be clean of dirt, dust, grease and other containments. The risk of adhesive failure is significantly increased if the surface is not properly prepared and cleaned. It is the responsibility of the purchaser and installer to prepare and test all intended surface(s) for adhesion prior to final application.

Adhesive backed magnet is not intended for application to painted drywall or other textured surfaces. Magnetic receptive paint and high energy double-sided magnet is recommended for direct to wall applications.

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