

We have selected a range of high performance products to suit common applications and have many more available on request.

3M 468. Premium general purpose
For high surface energy (hard) substrates: Slightly uneven surfaces. Medium profile, long term adhesive.
Temperature resistance: short 204°C, long 149°C*.
Adhesive layer: 0.13mm.

3M 467. General purpose
For high surface energy (hard) substrates: Smooth surfaces. Low profile, long term adhesive.
Temperature resistance: short 204°C, long 149°C*.
Adhesive layer: 0.06mm.

1328 LSE. Premium Low Surface Energy
Low surface energy plastics (a little waxy or slightly soft), require a high initial tack and the ability to move a little. Suits low surface energy plastics and powder coated surfaces.
Temperature resistance*: short 190°C, long 150°C*.
Adhesive layer: 0.12mm.

UHB 1905. Ultra High Bond, Foam Acrylic tape
Ultra High Bond, or UHB strength, aggressive adhesive for demanding applications.
The very thick adhesive layer 'flows' to ensure a perfect bond with the target surface.
Temperature resistance: short 140°C, long 120°C*.
Adhesive layer: 0.50mm.

Sealed Cell. For rough surfaces
The thick foamed cell structure acts as a cushion for improved contact on rough surfaces.
Temperature resistance: Short 125°C, long 85°C*.
Adhesive layer: 1.00mm or 1.60mm.

*Temperature Resistance, Short: Hours/Days, Long: Weeks/Months

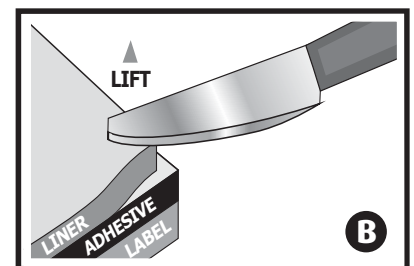
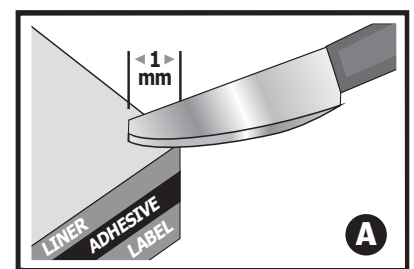
THERE IS NO TEST LIKE YOUR TEST. WE RECOMMEND A SAMPLE LABEL IS APPLIED TO A PREPARED SURFACE CAREFULLY FOLLOWING THE INSTRUCTIONS. PLEASE CONTACT US TO REQUEST A SAMPLE PACK.

ADHESIVE APPLICATION

Surface Preparation + Application Guide

Adhesive performance is affected by factors such as surface cleanliness, temperature and adhesive to surface contact. In 99% of cases a contaminated surface is the cause of adhesive failure. Priming is recommended in demanding or extreme applications. Care should be taken to remove all dust and dirt from the application area before beginning priming or cleaning.

- 1. Assume all surfaces are contaminated.** The procedure for both cleaning and priming are identical. Use a paper towel moistened with surface cleaner or primer, **wipe the surface in one direction only**. Before the solution evaporates wipe dry with a second paper towel. If the solution is allowed to evaporate contaminants remain on the surface. **Frequently replace paper towels.**
- Once the surface is decontaminated remove the liner using a scalpel or blade with a good sharp tip. With the label face down and the blade near horizontal gently pierce the liner at a corner about 1mm in from the edge (A). Take care not to insert the blade too far. As soon as the blade tip 'bites' lift the liner away (B) and apply.
- Firm application pressure using a roller creates intimate surface contact and activates the curing process. **Minimum application temperature is 10°C.** Bond strength increases with time & temperature. After 72 hours at room temperature the adhesive is fully cured.



! There is no test like your test. We strongly recommend that a sample is applied carefully following the instructions. Please contact us to request a sample pack.

! Storage - The shelf life of the adhesive supplied with your labels is 15 months from date of supply if stored at 55% Relative Humidity, 18-22°C, away from direct sunlight. Incorrect storage will reduce shelf life significantly. Because Metal Image Limited cannot control the storage or application process we cannot guarantee the performance of adhesive products.