# HSA 1.6mm Data Sheet

High Performance Double Sided
Polyethylene Foam Tape

## Description

A closed cell PE foam, coated on both sides with a very high performance crosslinked pure acrylic adhesive, and protected by our production aid film liner or a paper release liner (HSAP).

## Benefits

- Improved tack, adhesion and dynamic strength.
- Good gap-filling between slightly uneven materials.
- Very high shear strength, even at high temperatures.
- Good shear, even at high temperatures.
- Excellent resistance to water, solvents and plasticizers.
- Excellent resistance to UV light and outdoor ageing.
- Good Adhesion to metals, glass, PVC and most paints.
- Compatible with acrylic and polycarbonate (tested by GE Plastics).
- Available with our production aid film liner.

## Technical Data

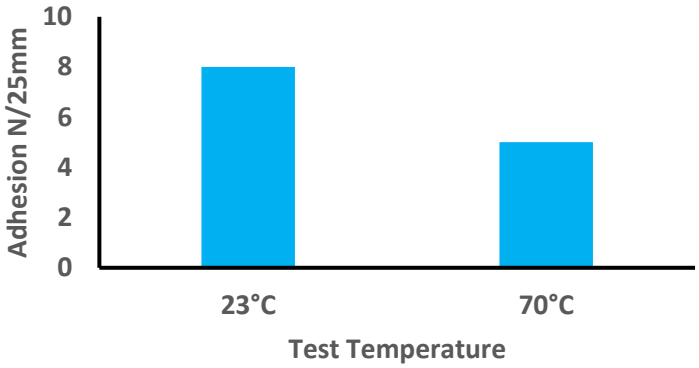
| | | |
|---|---|---|
| Thickness | 1.6 | mm |

## Temperature Range

-40°C +100°C

Minimum application temperature: +10°C.

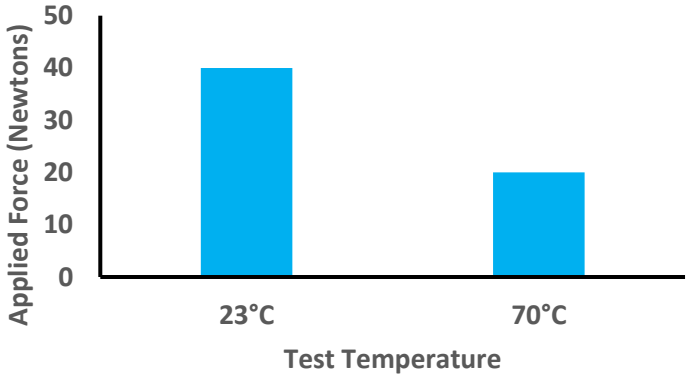
## 180° Peel Adhesion Results To Steel




## Production Advantages

- Clean and simple to use
- Quick and efficient application
- Consistent adhesive coating thickness
- Consistent adhesion performance
- Instant adhesion
- No hazardous fumes
- No drying or curing times
- Ready for the next part of application process
- No contamination of other surfaces.

## Static Shear (AFERA) Results ToSteel

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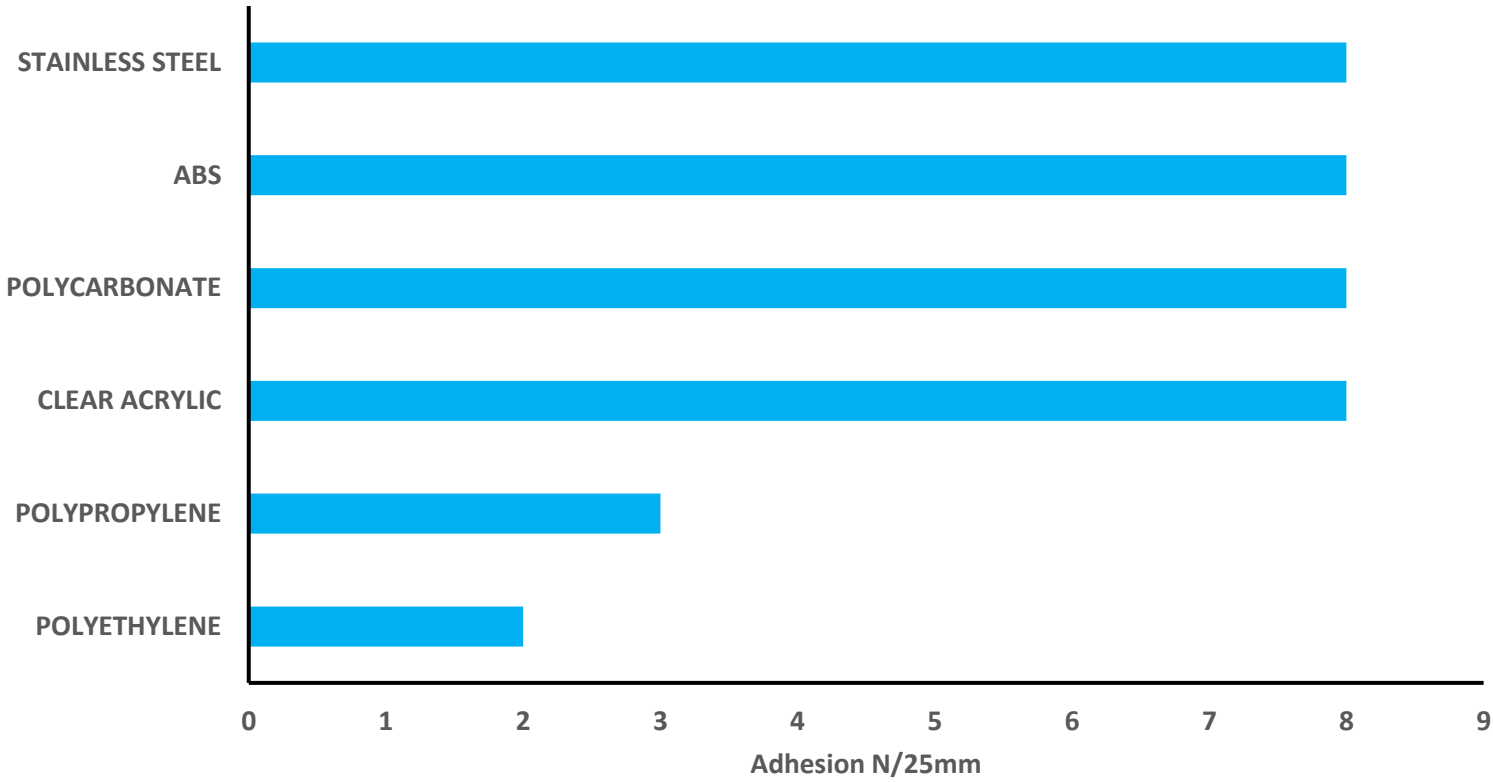
## Typical Surface Adhesion Values




## Product Availability

| | |
|---|---|
| **Product Variations** | Bobbins, Pads, Diecut Gaskets, Sheets |
| **Colour** | Black and White |
| **Width** | 6mm - 1250mm |
| **Release Liner** | Production aid film or Paper |
| **Delivery** | All rolls cut to order supplied within a few days |

## Limitations

Like all pure acrylic adhesives, HSA and HSAP require smooth clean surfaces, warmth and firm pressure for best results, and full bond strength may take several hours to develop, it will not bond well to low surface energy materials.

## Warranty

Our technical advice is offered in good faith but without warranty. The user is responsible for testing under their own conditions of use assuring themselves that it is suitable for their particular purpose. The technical data was obtained under specific laboratory test conditions, and should not be used for specification purposes without prior consultation with us.

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