

## Double sided PE foam tape

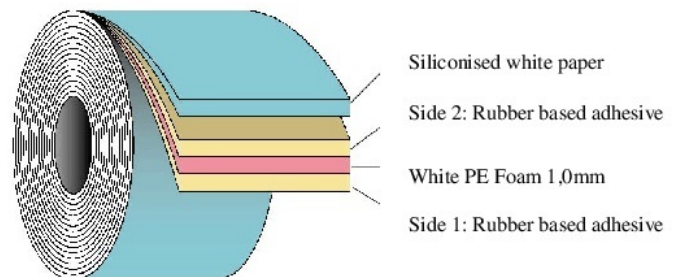
### GENERAL INTRODUCTION

- is a pressure-sensitive fastening system consisting of a variety of cross linked, closed-cell, polyethylene foams in various thicknesses, densities and colours, and coated both sides with specifically formulated pressure-sensitive adhesives.

### PRODUCT DESCRIPTION

consists of a 1.0 mm white, cross-linked, closed-cell, polyethylene foam coated on both sides with a rubber based adhesive. It offers high peel and shear properties.

produced in self-wound format on a calendered paper liner.



### TYPICAL APPLICATION

For applications where High Shear and High performance are needed and where a low density foam is required

### CHARACTERISTICS

Adhesion with Substrates			
<b>Metal / Aluminium</b>	High	<b>Textile/Cotton</b>	High
<b>Glass / Ceramics</b>	High	<b>Rubber/EPDM</b>	High
<b>Painted Surface</b>	High	<b>Acrylic/PET</b>	High
<b>Wood/Board/Paper</b>	High	<b>Polystyrene</b>	High
<b>Soft PVC</b>	Low	<b>PP/PE/PS</b>	High
<b>Rigid PVC</b>	High	<b>Smooth substrate</b>	High
<b>PC/ABS</b>	High	<b>Rough substrate</b>	High

### RESISTANCE

Resistant to water, detergents and alcohol. Low resistance to plasticizers and low outdoor resistance. Not recommended for use in contact with aliphatic or aromatic hydrocarbons.

### SHELF LIFE

2 years when stored at 15 to 25 °C and ± 50 % relative humidity.

**ADHESIVE  
DATA**

	TYPICAL VALUES (*)	TEST METHOD
Peel 180°- 20 min (N/25mm) on stainless steel	> 17	FTM 1
Shear on stainless steel (hours) 1kg-25 mm x 25mm	> 5000	FTM 8
AFERA 4012 shear results are available on request		
(**) Foam cleavage		

**CARRIER  
DATA**

	TYPICAL VALUES (*)	TEST METHOD
Tensile (N/15mm) (min.)	MD 10 CD 7	DIN 53455
Elongation (%) (max.)	MD 300 CD 300	DIN 53455
Density	Low	

**TEMPERATURE  
RESISTANCE**

Minimum application temperature	+ 10°C
End-use temperature range	- 40°C to +60°C
Short term resistance +75°C (S.A.F.T 500 grs-ASTM D4498)	

**RELEASE  
LINER**

Silicone paper white of 90 gr/sqm	ISO 536
THICKNESS (Foam + adhesive) 1,1 mm	ISO 534

(\*) Values given are typical and are not necessarily for use in specifications.

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