

# ST300

1.0 mm white polyethylene closed-cell foam coated on both sides with a rubber based pressure-sensitive adhesive. It is produced in a self wound form on a two side silicone coated paper liner.

## TYPICAL APPLICATIONS

› Where a foam with low density is needed and in applications where high shear and high performance are required.

## PROPERTIES

PROPERTY	DESCRIPTION
ADHESIVE	Rubber
CARRIER	PE foam
DENSITY	50kg/m <sup>3</sup>
RELEASE LINER	White silicone paper 90g/m <sup>2</sup>

## TEST DATA

THICKNESS PRODUCT	180° PEEL ON STAINLESS STEEL N/25MM AFTER 24H (1)	STATIC SHEAR 1KG -25X25MM 23°C (HRS) (2)	INITIAL TACK
1.0 mm	16	1000	+++

(1) FTM 1 (2) FTM 8

## RESISTANCE

CONDITIONS	LOW	MEDIUM	HIGH
UV		●	
CHEMICAL		●	
MOISTURE		●	
PLASTICIZERS		●	
TEMPERATURE	MIN. -30°C / MAX.+60°C		

## APPLICATION

Application is carried out using a roller or squeegee with a line pressure of 2kg per 25 mm. Temperature: between +15°C and +30°C. Surface must be clean and free from dust and grease. The substrates to be bonded should have full contact using no or neglectable pressure. Test this before applying the tape. The indicated level of performance will be reached after a bonding period of 24 HRS at 23°C.

## PRECAUTIONS

All of our products undergo strict quality tests and are free from defects before release. Due to a number of variable factors including *substrate impurity, surface tension, environmental conditions* and *application methods* the user is advised to conduct a test to assure the product will perform to satisfactory.

## PACKAGING AND STORAGE

The product should be protected against direct sunlight and extremes of temperature and humidity and stored in its original packaging. Once removed from its packaging, it should be protected against dust and other impurities. The shelf life is two years from date of delivery, when stored under the above conditions.

## TEST METHODS AND RESULTS

Our test methods are based upon *standard Finat/ISO/DIN* specification. For more specific application related tests we may develop test methods in house to assess performance and suitability. It is advised to conduct test assembly to satisfy performance.