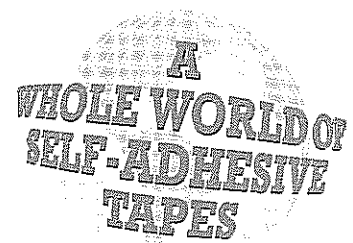


# TECHNICAL DATA SHEET



## PRODUCT REFERENCE: 388

### SOLARITE, SOLAR REFLECTIVE INSERTS FOR POLYCARBONATE CONSERVATORY ROOFS

#### DESCRIPTION

388 has been developed to insert into the upper chambers of Polycarbonate roofing material to reduce the amount of Solar energy entering the building. The film contains Ultra Violet light inhibitors for long term age stability of the film.

Property	Unit	Test Method	Typical Value
Thickness	Gauge		300±15.0
	Microns		75±3.8
Conversion Yield	m'/kg		9.55
	In'/lb		6710
Tensile Strength	MD	ASTM D-882	19±4
	TD	ASTM D-882	21±4
F-5 Value	MD	ASTM D-882	> = 10
	TD	ASTM D-882	> = 9
Elongation At break	MD	ASTM D-882	130±25
	TD	ASTM D-882	130±25
Shrinkage At 150°C/30 min	MD	ASTM D-1204	1.0±0.5
	TD	ASTM D-1204	0±0.5
Friction Coefficient Film to Film	μ s	ASTM D-1894	0.40±0.10
	μ d	ASTM D-1894	0.40±0.10
Gloss		ASTM D-2457	> = 165
Haze	%	ASTM D-1003	1.5±0.5
Moisture Vapor Transmission Rate	g/100in <sup>2</sup> 24 hr	ASTM E-96	-
Oxygen Transmission Rate	cm <sup>3</sup> /m <sup>2</sup> 24hr	ASTM E-96	-
	Atm 25°Cdry		-
Transmission Rate	cm <sup>3</sup> /m <sup>2</sup> .24hr.atm 25°Cdry		-
Wetting Index	CORONA dyne/cm		54±4
Density	g/cm <sup>3</sup>	ASTM D-1505	1.396

ADHERE INDUSTRIAL TAPES LTD



# TECHNICAL DATA SHEET

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TAPES

*Solarite Insert Tape Reference 388, has been treated to resist degradation of U.V. light and is expected to remain effective for periods exceeding 10 years based on a Northern European Climate, if correctly used and applied.*

*For 10mm channels the insert width is 22.5mm and will cover .5m<sup>2</sup> of roof*

*For 16mm channels the insert width is 22.5mm and will cover .8m<sup>2</sup> of roof*

*For 20mm channels the insert width is 25mm and will cover 1.0m<sup>2</sup> of roof*

*For 25mm channels the insert width is 30mm and will cover 1.25m<sup>2</sup> of roof*

*For 30mm channels the insert width is 35mm and will cover 1.5m<sup>2</sup> of roof*

## **NOTE**

*All technical data is based on average values. By nature of it's manufacture, all adhesive tape sizes and specifications can vary by 10%. Statements, technical information and recommendations contained herein are based on tests we believe to be reliable, but they are not to be construed in any manner as warranties expressed or implied. The user shall determine the suitability of the product for his intended use and the User assumes all risk and liability whatsoever in connection herewith.*

*September 2000*

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