

J-FLEX MATERIAL DATA SHEET

SPECIFICATION FOR THE SELF-ADHESIVE BACKING USED ON SILICONE SHEETS AND STRIPS

PRODUCT DESCRIPTION - a permanent tape with tissue carrier, the adhesive is a modified acrylic, offering good UV light and chemical resistance together with very high performance over a wide temperature range. The liner is a two sided release system.

APPLICATIONS - a high performance, high temperature resistant modified acrylic adhesive at high coatweight especially suitable for splicing applications especially where high temperatures are involved. The product is also suitable for name plate and foam laminating applications.

CONSTRUCTION	SUBSTANCE	THICKNESS
Adhesive	50gsm	
Tissue	12gsm Adhesive & Carrier	115 micron
Adhesive	55gsm	
Liner	90gsm Liner	75 micron

ADHESIVE PROPERTIES		20 mins	24 hours	Test Method
Adhesion to steel	open side	700 N/M	1000 N/M	PSMA DST 1
	closed side	700 N/M	1000 N/M	PSMA DST 1
Shear adhesion	open side	50 hours		PSMA DST 2
	closed side	50 hours		PSMA DST 2
Loop Tack	open side	450 N/M		PSMA DST 4
	closed side	450 N/M		PSMA DST 4

THERMAL PROPERTIES	
Recommended service temperature range	-10°C to 180°C
Application temperature range	5°C to 60°C

Minimum shelf life when stored in closed box away from direct heat sources and light - 2 YEARS

HEALTH & SAFETY INFORMATION - The adhesive conforms to F&DA Regulation 175 105

Issue 5

May 2016



J-FLEX RUBBER PRODUCTS
Engineering Rubber Components & Specialised Sheeting Products

Units 1 & 2, London Road Business Park, Retford,
Nottinghamshire, DN22 6HG, United Kingdom
tel: +44 (0) 1777 712 400 fax: +44 (0) 1777 712 409
www.j-flex.co.uk

