

# J-FLEX MATERIAL DATA SHEET

## J-FLEX 'HI-RECOVERY' EXPANDED CLOSED CELL SILICONE SPONGE



| PROPERTY                                   | TYPICAL VALUE  |
|--|--|
| DENSITY'S                                  | 0.3/ 0.4/ 0.5/ 0.6/ 0.7/ 0.8/ 0.9 grms/cm <sup>3</sup> |
| AVERAGE TENSILE STRENGTH                   | 21.8 Kg / cm <sup>2</sup> (310 psi)                    |
| AVERAGE ELONGATION                         | 315%   |
| AVERAGE COMPRESSION SET (22 hours @ 100°C) | 21.5%  |
| COLOURS                                    | Red, Brown, Green, Blue, Grey, White & Black           |
| TEMPERATURE RANGE                          | -60°C to +200°C  |
| SURFACE FINISH                             | Plain Smooth or Tissue Impression                      |
| MINIMUM THICKNESS<br>MAXIMUM THICKNESS     | 3mm<br>40mm  |
| SHEET SIZE                                 | 700mm x 700mm Square                                   |
| <b>PLAIN OR ADHESIVE BACKED</b>            |  |

Issue 1

July 1995



**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](http://www.j-flex.co.uk)

