

## MATERIAL DATA SHEET

DESCRIPTION

**SPONGE D SEAL – ADHESIVE BACKED**



ORDER CODE

**SRS 4898**

| PARAMETER                           | VALUE  |
|-------------------------------------|--|
| SPONGE MATERIAL                     | EXPANDED EPDM<br>SKINNED CLOSED CELL<br>SPONGE |
| DENSITY RANGE                       | 0.55 – 0.65 G/CM <sup>3</sup>                  |
| WATER ABSORPTION                    | 5% MAX   |
| COMPRESSION SET (22 HOURS @ R/T)    | 50%  |
| COMPRESSION SET (24 HOURS RECOVERY) | 25% MAX  |
| OZONE RESISTANCE                    | EXCELLENT                                      |
| WEATHER RESISTANCE                  | EXCELLENT                                      |
| UV LIGHT RESISTANCE                 | EXCELLENT                                      |
| MOULD GROWTH RESISTANCE             | VERY GOOD                                      |
| OIL RESISTANCE                      | NO   |
| LOW TEMPERATURE FLEXIBILITY         | PASS   |
| OVEN AGEING (7 DAYS @ 70°C)         | ±30%   |
| ADHESIVE TAPE                       |  |
| ADHESIVE                            | POLYETHYLENE FOAM<br>TAPE ACRYLIC<br>ADHESIVE  |

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| PARAMETER                                      | VALUE  |
|--|--|
| THICKNESS, ADHESIVE PLUS FOAM                  | 1.1MM  |
| RELEASE LINER THICKNESS                        | 0.1MM  |
| RELEASE LINER TYPE                             | GREEN PE FILM                                      |
| FOAM TYPE                                      | CROSSLINKED<br>POLYETHYLENE                        |
| FOAM DENSITY                                   | 85KG/M <sup>3</sup>                                |
| 180° PEEL ADHESION – OPEN SIDE<br>LINER SIDE   | 1600N/M<br>1600N/M                                 |
| POLYESTER LOOP TRACK – OPEN SIDE<br>LINER SIDE | 1200N/M<br>1200N/M<br>MIXTURE OF<br>PEEL/FOAM TEAR |
| SHEAR ADHESION (1KG 25MM <sup>2</sup> )        | 10 HOURS   |
| LINER RELEASE                                  | 10N/M  |
| TENSILE STRENGTH – M.D.<br>C.D.                | 1215KPA<br>775KPA                                  |
| ELONGATION AT BREAK – M.D.<br>C.D.             | 225%<br>275%                                       |
| SERVICE TEMPERATURE                            | -40 TO +70°C LONG TERM<br>-40 TO +90°C SHORT TERM  |
| WEATHER RESISTANCE                             | EXCELLENT – SUITABLE<br>FOR OUTDOOR USE            |
| RECOMMENDED APPLICATION TEMPERATURE            | +5 TO +25°C  |
| SHELF LIFE                                     | 12 MONTHS  |