

# MATERIAL DATA SHEET

| PARAMETER                           | VALUE                              |
|-------------------------------------|------------------------------------|
| MATERIAL                            | BLACK EXPANDED NEOPRENE            |
| CELL STRUCTURE                      | CLOSED CELL SPONGE WITH OUTER SKIN |
| DENSITY (ASTM D1056-78 (2A2))       | 330KG/M <sup>3</sup> ±50           |
| SHORE HARDNESS                      | 40° SHORE OO                       |
| TEMPERATURE RANGE                   | -40°C TO +115°C<br>(INT +130°C)    |
| TENSILE STRENGTH (DIN 53577)        | 4.0N/CM <sup>2</sup> (APPROX)      |
| COMPRESSION DEFLECTION (ASTM D1056) | 35 – 40KPA (APPROX)                |
| WATER ABSORPTION (ASTM D1056)       | 2% VOLUME                          |
| ULTIMATE ELONGATION                 | >170%                              |
| <u>RESISTANCE</u>                   |                                    |
| OZONE (DIN 53509)                   | EXCELLENT                          |
| AIR & UV                            | EXCELLENT                          |
| FIRE / FLAMMABILITY (FMVSS302)      | PASS                               |
| UL94 HF (IN HOUSE TEST)             | PASS                               |
| OIL                                 | MEDIUM / GOOD                      |
| ACIDS                               | MEDIUM / GOOD                      |
| ODOUR                               | NEGLIGIBLE                         |
| ENVIRONMENTAL PROTECTION            | CFC, HFC & SULPHUR FREE            |

| ISSUE                                                                                                                                                                                                                                   | DATE            | ISSUE | DATE     | ISSUE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | DATE     | ISSUE | DATE     | ISSUE | DATE     | ISSUE | DATE     | ISSUE                                                       | DATE     |
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| 2                                                                                                                                                                                                                                       | 14.11.25        |       |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |       |          |       |          |       |          |                                                             |          |
| CR<br>0020                                                                                                                                                                                                                              | APPROVED<br>PJH | CR    | APPROVED | CR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | APPROVED | CR    | APPROVED | CR    | APPROVED | CR    | APPROVED | CR                                                          | APPROVED |
| <b>Seals+Direct Ltd</b><br>Unit 6, Milton Business Centre, Wick Drive<br>New Milton, Hants, BH25 6RH, UK<br><b>Tel:</b> 01425 617722 <b>Web:</b> sealsdirect.co.uk<br><b>E-mail:</b> sales@sealsplusdirect.co.uk <b>Reg. No</b> 4989100 |                 |       |          | This information and our technical advice, whether verbal, in writing or by way of trials, is given in good faith but without warranty. This also applies where proprietary rights are involved. Our advice does not release you from the obligations to check its validity and to test our products as to their suitability for the intended use. The storage, application and use of our products are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with our General Conditions of Sale. The information contained within this data sheet is subject to change without notice. |          |       |          |       |          |       |          | ORIGINATOR<br><b>CJM</b><br>CREATED DATE<br><b>14/11/25</b> |          |