

# DIN EN 14188-3:2006-04 (E)

## Joint fillers and sealants - Part 3: Specifications for preformed joint seals

---

| <b>Contents</b>   |  | <b>Page</b> |
|---|--|-------------|
| Foreword .....  |  | 4           |
| <b>1</b>  | <b>Scope .....</b>   | <b>5</b>    |
| <b>2</b>  | <b>Normative references .....</b>                            | <b>5</b>    |
| <b>3</b>  | <b>Terms and definitions .....</b>                           | <b>5</b>    |
| <b>4</b>  | <b>Classification .....</b>                                  | <b>6</b>    |
| <b>5</b>  | <b>Requirements .....</b>                                    | <b>6</b>    |
| 5.1   | General .....  | 6           |
| 5.2   | Dimensional tolerances .....                                 | 6           |
| 5.3   | Imperfections and defects .....                              | 6           |
| 5.4   | Hardness .....   | 7           |
| 5.4.1   | Hardness .....   | 7           |
| 5.4.2   | Hardness tolerance .....                                     | 7           |
| 5.5   | Tensile strength and elongation at break .....               | 7           |
| 5.6   | Compression set in air .....                                 | 7           |
| 5.6.1   | General .....  | 7           |
| 5.6.2   | Compression set at 70 °C .....                               | 7           |
| 5.6.3   | Compression set at low temperature (-25 °C) .....            | 7           |
| 5.7   | Accelerated ageing in air .....                              | 7           |
| 5.8   | Stress relaxation in compression .....                       | 7           |
| 5.9   | Recovery at low and high temperatures (-25 °C, +70 °C) ..... | 7           |
| 5.10  | Ozone resistance .....                                       | 7           |
| 5.11  | Protection against over-extension .....                      | 8           |
| 5.12  | Function testing for cold climate areas .....                | 8           |
| 5.13  | Dangerous substances .....                                   | 8           |
| <b>6</b>  | <b>Evaluation of conformity .....</b>                        | <b>9</b>    |
| 6.1   | General .....  | 9           |
| 6.2   | Type testing .....   | 10          |
| 6.2.1   | Initial Type Testing .....                                   | 10          |
| 6.2.2   | Further type testing .....                                   | 10          |
| 6.3   | Factory Production Control (FPC) .....                       | 10          |
| 6.3.1   | General .....  | 10          |
| 6.3.2   | Frequency of testing .....                                   | 10          |
| 6.3.3   | Equipment .....  | 10          |
| 6.3.4   | Raw materials and components .....                           | 11          |
| 6.3.5   | Design process .....   | 11          |
| 6.3.6   | Non-conforming products .....                                | 11          |
| <b>7</b>  | <b>Marking, labelling and packaging .....</b>                | <b>11</b>   |
| <b>Annex A (normative) Initial Type Testing and frequencies of testing for Factory Production Control</b> |  | <b>12</b>   |
| <b>Annex B (informative) Example of a product data sheet</b> .....  |  | <b>13</b>   |
| <b>B.1</b>  | <b>General information</b> .....                             | <b>13</b>   |
| <b>Annex C (informative) Installation</b> .....   |  | <b>14</b>   |

|  |           |
|--|-----------|
| <b>Annex ZA (informative) Clauses of this European Standard addressing essential requirements or other provisions of EU Directives .....</b> | <b>15</b> |
| <b>ZA.1 Scope and relevant characteristics .....</b>   | <b>15</b> |
| <b>ZA.2 Procedure(s) for attestation of conformity .....</b>   | <b>16</b> |
| <b>ZA.3 CE marking and labelling .....</b>   | <b>17</b> |
| <b>Bibliography .....</b>  | <b>19</b> |