

# Mainflex SI-SCHAUM-B

|                            |                                                                  |
|----------------------------|------------------------------------------------------------------|
| Ausführung<br>construction | Silikon-Schaumschlauch<br>IP68<br>silicone-sponge-sleeve<br>IP68 |
| Werkstoff<br>material      | Silikon<br>silicone                                              |
| Temperatur<br>temperature  | -50°C - +250°C                                                   |



| Art. Nr.<br>art. no. | ID mm<br>id mm | Wandstärke mm<br>wall thickness mm | Toleranz<br>tolerance | VPE / Meter<br>unit / meter |
|----------------------|----------------|------------------------------------|-----------------------|-----------------------------|
| SI-SCHAUM18X06B      | 18             | 6,0                                | 10 %                  | 25                          |
| SI-SCHAUM21X09B      | 21             | 9,0                                | 10 %                  | 25                          |
| SI-SCHAUM25X10B      | 25             | 10,0                               | 10 %                  | 50                          |
| SI-SCHAUM30X10B      | 30             | 10,0                               | 10 %                  | 30                          |
| SI-SCHAUM40X10B      | 40             | 10,0                               | 10 %                  | 50                          |

| Eigenschaft<br>feature                                   | Norm<br>standard                                      | SP30     | SP40     | SP50     | SP60     | SP70     | SP80     |
|----------------------------------------------------------|-------------------------------------------------------|----------|----------|----------|----------|----------|----------|
| Shore<br>hardness                                        | DIN 53505<br>DIN EN ISO868                            | ~8       | ~8-15    | ~15      | ~20      | ~25      | ~30      |
| Dichte (g/m³)<br>density                                 | DIN 53479<br>ISO/R 1183                               | 0.3+-0.1 | 0.4+-0.1 | 0.5+-0.1 | 0.6+-0.1 | 0.7+-0.1 | 0.8+-0.1 |
| Reißdehnung (%)<br>elongation at break                   | DIN 53504<br>ISO / DIS 37                             | 150      | 150      | 200      | 200      | 250      | 250      |
| Druckverformungsrest<br>compression set                  | DIN ISO 815<br>(22h/175°C)                            | 50       | 40       | 40       | 40       | 35       | 35       |
| Brandverhalten<br>flammability                           | UL94 V0                                               |          |          |          |          |          |          |
| Wärmeleitfähigkeit<br>(W/(m K ))<br>thermal conductivity |                                                       | 0.08     | 0.1      | 0.12     | 0.13     | 0.15     | 0.18     |
| Einsatztemperatur °C<br>temperature                      | -50°C - +200°C                                        |          |          |          |          |          |          |
| Farbe<br>colour                                          | hell oder eingefärbt (RAL)<br>light or coloured (RAL) |          |          |          |          |          |          |

