



I40 Valves
Item no. 310051
(53mm / 2.1in)



I52 Valves
Item no. 320051
(66mm / 2.6in)



M4 Valves
Item no. 400051
(16mm / 0.63in)



W9 Valves
Item no. 600051
(27mm / 1.06in)

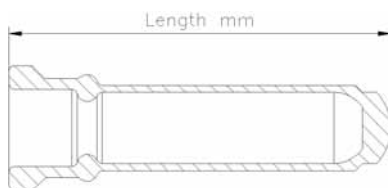


W9 Valves with Micro Port
Item no. 600251
(27mm / 1.06in)

Technical Specification:

| | |
|---|---|
| Membrane: | 310051, 320051, 400051, 600051, 600251. |
| Type: | Silicone (Si, Q) |
| Colour | Light Grey |
| Hardness (°Sha) | 60 |
| Tensile strength (MPa) | 10.5 |
| Elongation at break (%) | 530 |
| Density (g/cm ³) | 1.17 |
| Range of temperature in dry atmospheric air (°C/°F) | -80 - + 200°C -112 - + 392°F |
| Compression set, DIN 53517, 24h/175°C (%) | 30 |
| Wear resistance | Less suitable (1) |
| Tear resistance | Very good (3) |
| Resistance to Weather and Ozone | Excellent (4) |
| Resistance to Hydrolysis (water and steam) | Good (2-3) |
| Resistance to Chemicals (acids/bases) | Suitable (2) |
| Resistance to mineral oil and gas | Less suitable (1) |
| Air and gas density | Not suitable (0) |
| Food safe | Yes (FDA*) |
| *FDA approved compound according to Code of Federal Regulations Title 21 - § 177.2600 | |

Average live time of a silicone membrane is 2-3 months of lasting by normal use means:



Temp. max:.....121°C / 250°F
 Steam pressure max:....2 bar(g) / 29 psi
 Process pressure.....1-6 bar / 14-87 psi
 Cip.....Nho4 < 3% or similar
 Samples.....1-5 a day