



MSV Valves
Item no. 100026
(46mm / 1.8in)

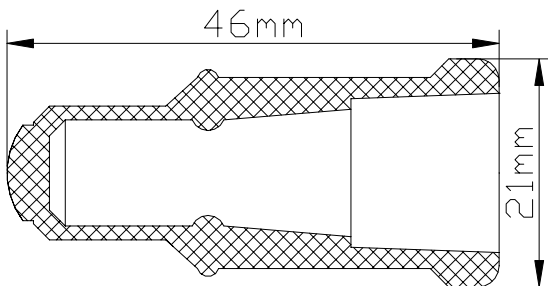


MSV Valves
Item no. 100025
(46mm / 1.8in)

Technical Specification:

Membrane:	100025	100026
Type:	EPDM	Silicone (Si, Q)
Colour	Grey	Red
Hardness (°Sha)	58±5	70±5
Tensile strength (MPa)	10.5	7.5
Elongation at break (%)	500	350
Density (g/cm ³)	1,14±0,03	1.17 ±0.03
Range of temperature in dry atmospheric air (°C/°F)	-40 - +100°C -40 - +212°F	-60 - +200°C -76 - +392°F
Compression set, DIN 53517, 24h/175°C (%)	25	20
Wear resistance	N/A	N/A
Tear resistance	Medium	Medium
Resistance to Weather and Ozone	Excellent	Excellent
Resistance to Hydrolysis (water and steam)	Excellent	Good / medium
Resistance to Chemicals (acids/bases)	Excellent	Good / medium
Resistance to mineral oil and gas	Limited	Medium
Air and gas density	N/A	N/A
Food safe	Yes (FDA*)	Yes (FDA*)

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