

Silicone Membrane



SILCO Bladder belt

“S1F” – Smooth by Fabric Impression

- Good adaptability capacity to the most complex shapes with minimum stress
- Good elastic recovery
- Excellent tear resistance
- Excellent high temperature resistance
- Good abrasion and compression resistance

Specifications		
Material	Silicone rubber	Silicone rubber
Color	Light blue; Dark blue	Light blue; Dark blue
Thickness	0.125 in.	3 mm
Specific Gravity		1.19 gr/cc
Outside Surface	Smooth	Smooth
Inside Surface	Fabric Texture	Fabric Texture
Hardness	50 Shore A (+/- 3)	50 Shore A (+/- 3)
Tensile Strength	1,365 lbs/in ²	96 Kg/cm ² 9.4 N/mm ²
Elongation at Break	680 – 700%	680 – 700%
Tear Resistance	228 lbs/in	40 N/mm (Kg/cm)
Continuous Temperature Resistance	500 F	260 C
Peak Temperature Resistance	536 F	280 C