

TECHNICAL DATA SHEET

Features: Sichem® S50 Blue is a high performance biaxially orientated sheet sealing material containing modified PTFE with hollow glass microspheres filler.

Applications: Sichem® S50 Blue is specially designed for use in applications where low bolt torque is necessary. Suitable for sealing all chemicals across the whole pH range with the exception of molten alkali metals, fluorine gas, hydrogen fluoride or materials which may generate these.

Colour		Blue
Composition		Modified PTFE, hollow glass filler
Density	g/cm ³	1,4
Operative temperature range	°C	-260/+260
Max operating pressure	Bar	50
Leakage	mg*s ⁻¹ *m ⁻¹	<0,05
Creep Relaxation	%	<19
Compression range	%	>32
Recovery	%	>7
Ph range	-	0-14
<p>Available sizes : (mm) 1500 x 1500; (inch) 60" x 60"</p> <p>Available thickness: (mm) 0,75 ÷ 1,0 ÷ 1,5 ÷ 2,0 ÷ 2,5 ÷ 3,0 ÷ 4,00 ÷ 5,00 ÷ 6,00; (inch) 1/32" ÷ 3/64" ÷ 1/16" ÷ 3/32" ÷ 1/8" ÷ 3/16" ÷ 7/32" ÷ 1/4";</p> <p>Other thickness available on demand.</p> <p>Thickness 0.75 mm available in the size 1000 x 1000; (inch 40" x 40")</p>		

Other sheet sizes and thicknesses available upon request.
Maximum temperature and pressure values cannot be used simultaneously.
Typical parameters of 2 mm thickness jointing.
For a detailed list of our approvals please visit the dedicated area on our website
www.planichem.com

All technical data is based on laboratory tests.
FMI reserves the right to modify the characteristics of its entire product range without obligation to anyone.

