

# ARAFLEX 4510 BARIUM SULFATE FILLED PTFE

Caustic resistant- PTFE filled with BaSo4 off-white



Applications:

## Suitable

Strong Caustics

Moderate Acids

Aqueous Hydrofluoric Acid (below 45%)

Pharmaceutical Industry

Food Industry

Steam, Refrigerants, cryogenics

## Not Suitable

Molten Alkali Metal

Fluorine gas

## Operating Conditions

Minimum Temperature	(°C/°F)	-268/-450
Maximum Temperature	(°C/°F)	260/500
Pressure	(bar/psi)	85/1235

## Physical Properties

Specific Gravity	ASTM D 792	2.8 g/cm <sup>3</sup>
Compressibility	ASTM F36J	5-10 %
Recovery	ASTM F36J	40%
Tensile Strength	ASTM F152	14 Mpa
Creep Relaxation	ASTM F38	14%
pH Range		0-14
Dielectric Strength	F149	20 kV/mm
Tp max		60500
m value (3mm thk)		2.0
y value (3mm thk)		2500 psi (17.2 Mpa)

The data we are herewith providing are all based on laboratory testing and are proposed to technical designers as possible and useful advice.

Deviations from the values hereabove indicated may occur, but they do not constitute themselves either detriment of quality or reason for rejection.