

ARAFLEX 4555 VIRGIN PTFE (WHITE)TAPE

A high molecular weight polymer for chemicals resistivity



Applications:

Machine cut tapes used as filler winding material for spiral wound gaskets industry. Rigid plastic reels are used to support unwinding of the tapes while handling. Supplied in 0.4mm Thk and 5.4mm width.

Suitable

Medium conc. Acids
 Caustics, Hydrocarbons, Solvents
 Alkalines
 Petrochemical Industry
 Metallic, organic, chemical compounds
 Food Industry
 cryogenics

Not Suitable

Molten Alkali
 Hydrofluoric Acids
 Fluorine gas

Operating Conditions

Minimum Temperature	(°C/°F)	-164/-328
Maximum Temperature	(°C/°F)	260/500
Pressure	(bar/psi)	25/362

Physical Properties

Specific Gravity	ASTM D 792	2.15 g/cm ³
Compressibility	ASTM F36J	16%
Recovery	ASTM F36J	45%
Tensile Strength	ASTM F152	22 Mpa
Creep Relaxation	ASTM F38	79%
pH Range		0-14
Dielectric Strength	F149	15kV/mm
m value (3mm thk)		2.5
y value (3mm thk)		2845 psi (19Mpa)

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.

