
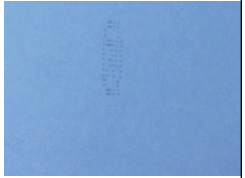


 NINGBO SUNWELL SEALING MATERIALS CO.,LTD.

PTFE SHEETS

 Data Sheets

SUNWELL SYLON® 3500, SYLON® 3504, SYLON® 3510

Material Properties

	SYLON® 3500	SYLON® 3504	SYLON® 3510
Color	Fawn	Blue	Off-white
Picture			
Composition	PTFE with Silica	PTFE with Glass Microspheres	PTFE with Barium Sulfate
Density g/cm ³	2.0 ~ 2.1	1.60 ~ 1.70	2.70 ~ 2.80
Fluid Service	Strong acids, steam, solvents, hydrocarbons, chlorine and cryogenics	Moderate concentrations of acids, caustics, hydrocarbons, solvents, hydrogen peroxide, refrigerants and cryogenics	Strong caustics, moderate acids, gases, water, steam, cryogenics, hydrocarbons and aluminium fluoride.
Temperature °C			
Minimum:	-260	-260	-260
Continuous Max:	+260	+260	+260
Pressure, Maximum, psi	1100	800	1100
Leakage			
ASTM F37B Fuel A	0.25ml/hr.	0.12ml/hr.	0.07ml/hr
DIN3535-4 Gas	< 0.015cc/min	<0.015cc/min	<0.015cc/min
Creep Relaxation, %	30	45	32
Compressibility, %	20	25 ~ 45	22
Recovery, %	35	30	40
Tensile Across Grain, (ASTM D1708) N/mm ²	14	12	14
Flammability	Not burn	Not burn	Not burn
Bacterial Growth	Not support	Not support	Not support

Note: This is a general guide and should not be the sole means of selecting or rejecting this materials.



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