

THERMOPAD, ELECTRICALLY INSULATING

Specifications			SC Series			
Property Tested	Test Method	Units	SC-23	SC-30	SC-45	SC-80
Colour	Visual		Pink, Grey	Pink, Grey, Blue	Pink, Grey	Pink, Grey
Thickness	ASTM D374	Mn	0.23 ±0.03	0.3 ±0.03	0.45 ±0.03	0.8 ±0.03
Specific Gravity	ASTM D792	g/cm ³	1.7 ±0.1	1.7 ±0.1	1.7 ±0.1	1.7 ±0.1
Harshness	ASTM D2240	Shore A	85 ±5	85 ±5	85 ±5	85 ±5
Tensile Strength	ASTM D412	kgf/cm ²	>180	>180	>180	>180
		pa	1.8x10 ¹¹	1.8x10 ¹¹	1.8x10 ¹¹	1.8x10 ¹¹
Continuous Temperature		°C	-50 ~ +200	-50 ~ +200	-50 ~ +200	-50 ~ +200
Elongation, 45% to warp & Fill	ASTM D412	%	3 ~ 8	3 ~ 8	3 ~ 8	3 ~ 8
Dielectric Breakdown Voltage	ASTM D149	KV	≥3.0	≥4.0	≥5.0	≥8.0
Flame Rating	UL-94		V-0	V-0	V-0	V-0
Thermal Conductivity	ASTM D5470	w/m-k	1.0	1.0	1.0	1.0

Standard Size 300mm x 50m