

SPORTFLEX 12mm
Technical Data Sheet

Characteristic	Standard	Unit	Requirement	Average Value From Production
Tensile Strength	ASTM D412	psi	-	≥150
Elongation at Break	ASTM D412	%	-	≥120
Hardness	ASTM D2240	Shore A	-	55 ± 5
Abrasion Resistance (H18 wheels, 1000g, 1000 cycles)	ASTM D3389	g loss	≤2.0	≤1.6
Critical Radiant Flux	ASTM E648	W/cm ²	≥0.45	≥0.45, Class 1
Optical Density of Smoke	ASTM E662	-	<450	<450
Thickness	ASTM F387	mm	-	12.0 ± 0.2
Chemical Resistance	ASTM F925	-	-	Compliant
Static Load Limit (250 psi)	ASTM F970	Inch	-	0.010
Resistance to Heat	ASTM F1514	ΔE	≤8.0	Compliant
Resistance to Light	ASTM F1515	ΔE	≤8.0	Compliant
Coefficient of Friction	EN 13036	-	≥47	80 (Dry)
Environmental Attributes				
VOC Emissions	GREENGUARD Gold			✓
	GREENGUARD Certification			✓
	CA Section 01350			✓
Materials and Resources	Pre-Consumer Recycled Content			44%
	Rapidly Renewable Materials Content			7%
Weight and Dimensions				



12 mm



12.2 kg/m²



0.92- 1.70 m



15 m