

Polaris Footwork®

Sports Vinyl



Sports Flooring	Characteristics	Standards	Units	Polaris Footwork®	
	Indoor Air Quality	CA Section 01350 (≤ 0.5 mg / m ³)	Floorscore Certified (SCS - FS - 04547)	Yes	
Product Classification	PVC Sports Flooring		Class	EN 14904 Sports Flooring (Heavy Duty)	
Description	Thickness	EN 428	mm	6.50	8.00
	Weight	EN 430	g/m ²	5700 ± 100	8800 ± 100
	Width	EN 426	mtrs	1.50	1.50
	Standard roll length	EN 426	m	15	10
	Maximum roll length	EN 426	m	20	15
Classification	Impact sound insulation	EN ISO 717-2 EN ISO 140-8	ΔLw = dB	21 - 23	22 - 24
	Thermal resistance		m ² k/W	0.06 - 0.08	0.08 - 0.10
	Flammability	EN 13501-1	Class	Cfl - S1	
Sports Properties	Rotational friction	EN 13036-4		80 - 110	
	Shock absorption	DIN 18032	%	30 - 32	34 - 36
EN 14808			P1 ≥ 25% 26 - 28	P1 ≥ 25% 30 - 32	
	Vertical deformation	EN 14809	mm	P1 ≤ 2mm 1 - 1.10mm	
	Ball rebound	EN 12235	%	98 - 100	99 - 100
	Specular gloss	EN 2813		≤ 30	
Technical Characteristics	Dimensional stability	EN 434	%	+/- 0.40	
	Indentation resistance	EN 1516	mm	≤ 0.5	
	Resistance to rolling load	En 1569	N	1500	
	Colour fastness	ISO 105-B02		6	
	Resistance to chemicals	EN 423	Benzine, 50% ethanol, 5% fatty alcohol sulfate, 5% acetic acid	No change	
	Abrasion resistance (H 18 wheel)	EN ISO 5470-1	≤ 1000 mg / 1000 cycles	< 250	
	Abrasion group	EN 660-2	Group	T	

