

Characteristic	Standard	Unit	Requirement*	Result**
Elongation at Break	ASTM D412	%	≥100	≥110
Tensile Strength	ASTM D412	psi	≥300	≥500
Static Coefficient of Friction (neolite heel)	ASTM D2047	-	≥0.50 (dry)	≥0.85 (dry)
Hardness of Top Layer	ASTM D2240	Shore A	80 ± 5	80
Hardness of Bottom Layer	ASTM D2240	Shore A	70 ± 8	65
Abrasion Resistance (H18 wheel, 1000 g, 1000 cycles)	ASTM D3389	g loss	≤1.0	≤0.6
Impact Insulation Class	ASTM E492	dB	-	≈59 (IIC)
Critical Radiant Flux	ASTM E648	W/cm ²	≥0.22 (Class 2)	≥0.45 (Class 1)
Optical Density of Smoke	ASTM E662		≤450	<450
Impact Sound Transmission Reduction	ASTM E2179		-	≈ 20 dB (ΔIIC)
Chemical Resistance	ASTM F925	-	≤Slight Change	Compliant***
Static Loading	ASTM F970	in	-	0.004 (at 250 psi)
Resistance to Heat	ASTM F1514	ΔE	≤8.0	Compliant
Resistance to Light	ASTM F1515	ΔE	≤8.0	Compliant
Reduction of Bacterial Activity - MRSA (ATC 43300)	ISO 22196	%	-	≥99,999% reduction

Health and Environmental Attributes

Indoor Air Quality (VOC Emissions)	CA Section 01350 French Decree № 2011-321 (Class A+) GREENGUARD Certification GREENGUARD Gold	
Health-Conscious Production	At Mondo, we pride ourselves on producing premium high-quality rubber flooring products that can be utilized in areas with stringent health and safety controls; we do not use red listed ingredients (2024 LBC Red List CASRN Guide) to manufacture our Sport Impact product, which includes but is not limited to harmful chemicals of concern like bisphenol A (BPA), formaldehyde, halogens, heavy metals, isocyanates, phthalates, polyvinyl chloride (PVC), perfluorinated compounds (PFC) and perfluoroalkyl and polyfluoroalkyl substances (PFA).	
Materials and Resources (% by Weight)	Pre-consumer (post-industrial) recycled content:	≈ 14.0%
	Rapidly renewable materials:	≈ 0.5%

Weight and Dimensions	Metric	Imperial
Thickness (ASTM F386)	10 mm (±0.2 mm)	0.394" (±0.008")
Weight	≥12.0 kg/m ²	≥2.46 lb/ft ²
Rubber Sheet Width	1.86 m	6'1"
Rubber Sheet Length	9 m [min. 6 m; max. 11 m]	29'6" [min. 19'8"; max. 36'1"]
Rubber Tile Size	91.35 cm x 91.35 cm	36" x 36"

*For each individual test, the manufactured product is only required to meet any applicable requirement listed in the Requirement column.

**A result obtained from testing during manufacturing controls and/or third-party verifications may vary between production lots, laboratories, methods and/or equipment, and as such any listed result in the Result column does not constitute representation or warranty as to any particular production lot. Mondo reserves the right to modify product design and/or specifications at any time without notice.

***For the complete list of chemicals evaluated, concentrations and contact time, please contact Mondo's Technical Department.

Warranty

Mondo Limited Material Warranty (10 years standard or 5 years with use of ice skates); please refer to current copy of the warranty for terms and conditions. Additional information and warranty copy may be obtained at www.mondoworldwide.com or through our Technical Department at sports.technical@mondousa.com.