

TECHNICAL DATA

SPORTFLEX SUPER X 720 K39 - Thickness 13,5 mm

REV. 9 - 04/2019

Weight: 12.0 kg/m²

Length: 6÷15 m

Width: 122÷160 cm

SPORT PROPERTIES	TEST METHODS	UNIT OF MEASURE	REQUIREMENTS EN 14877	REQUIREMENTS IAAF	VALUES FROM MANUFACTURING CONTROLS
Coefficient of Friction (dry)	EN 13036-4 (rubber CEN)	-	80 ÷ 110	-	in conformity
Coefficient of Friction (wet)	EN 13036-4 (rubber CEN)	-	55 ÷ 110	≥ 47	in conformity
Shock absorption	IAAF	%	-	35 ÷ 50 (10 ÷ 40 °C)	≥ 39
Shock absorption	EN 14808	%	25 ÷ 50 (10 ÷ 40 °C)	-	in conformity
Vertical deformation	EN 14809	mm	≤ 3 (10 ÷ 40 °C)	0,6 ÷ 2,5 (10 ÷ 40 °C)	in conformity
MATERIAL PROPERTIES	TEST METHODS	UNIT OF MEASURE	REQUIREMENTS EN 14877	REQUIREMENTS IAAF	VALUES FROM MANUFACTURING CONTROLS
Absolute thickness	EN 1969 method A	mm	≥ 10	-	13,0 ± 0,3
Water permeability	EN 12616	mm/h	≥ 150	-	not applicable (impermeable)
Resistance to wear	EN ISO 5470-1 (H18 wheels, 1 kg, 1000 cycles)	mg	≤ 4000	-	≤ 3000
Resistance to accelerated weathering	EN 14836 / 13817 / 13744	-	manifold	-	in conformity
Tensile strenght	EN 12230	MPa	≥ 0,4	≥ 0,5	≥ 0,55
Elongation to rupture	EN 12230	%	≥ 40	≥ 40	≥ 120
Spike resistance	EN 14810	%	ΔTr ≤ 20 ΔEb ≤ 20	-	in conformity
OPTIONAL PROPERTIES	TEST METHODS	UNIT OF MEASURE	REQUIREMENTS	REQUIREMENTS	VALUES FROM MANUFACTURING CONTROLS
Hardness	ISO 7619-1	Shore A	-	-	55 ± 5
Heavy metals	DIN 18035-6	mg/l	manifold	-	in conformity
Dissolved Organic Carbon (DOC)	DIN 18035-6	mg/l	≤ 50	-	in conformity