

Technical Data

TECHNICAL INFORMATION FOR CUSTOM PRINTED VINYL FLOORS

	ISO, EN and ASTM STANDARDS	TEST RESULT
Sheet vinyl floor covering without backing	ASTM F-1913	Type 1, Grade 1
Total thickness	ISO 24346/EN428 ASTM F-1913	0.79" / 2 mm
Thickness wear layer	ISO 24340/EN429	0.79" / 2 mm
Commercial use	ISO 10874/EN685	Class 34 very heavy
Industrial use	ISO 10874/EN685	Class 43 heavy
Roll width	ISO 24341/EN426 ASTM F-1913	10' / 3.04 m
Print width	ASTM F-1913	9'8" / 294.64 cm
Roll length	ISO 24341/EN426 ASTM F-1913	maximum of 50' / 15.24 m
Roll weight	ISO 23997/EN430 ASTM F-1913	1.72 lbs/sq.ft. / 2.83 kg/m ² 290 lbs / 131.54 kgs
Dimension stability	ISO 23999/EN434	< 0.1%
Acoustical impact noise reduction	EN ISO 717-2	
Residual indentation	ISO 24343-1/EN433 ASTM F-1914	≤0.05 mm 250 psi - 0.006 - Passes
Abrasion resistance	ISO 24338/EN660-2 ASTM D 3389	Group T Net weight loss after 1000 revs: 0.30% Pass
Static load	ASTM F970	1000 psi - avg: 0.000"
Castor chair continuous use	ISO 4918/EN425	No effect
Critical radiant flux	ASTM E-648	Class 1 per NFPA Life Safety Code 101 - 0.95 w/cm ² Pass
Light fastness	ISO 105-B02	≥6
Smoke density	ASTM E-662	Pass
Burn resistance		Cigarette and solder resistant
Flexibility	ISO 24344/EN435 ASTM F-137	Ø 10 mm Pass
Chemical resistance	ISO 26787/EN423 ASTM F-925	Very good No change
Slip resistance	DIN 51130 ASTM C-1028	R10 Wet - 0.82, Dry - 0.91
Electrical resistance	EN1081	R1 > 1.10 ⁹ Ω
Suitable for floor heating	Yes	

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TYPICAL PROPERTIES	(0.075) ASTM METHOD	TEST RESULT
Specific gravity	D-792	1.32
Hardness, Shore A (+/-3)	D-2240	85
Tensile, PSI	D-638	2470
Elongation, %	D-638	330
100% Modulus, PSI	D-412	1200
Brittle point, C	D-746	-24
Oxygen index, %	D-2863	23
Tensile retention, %	UL 1581	94.6
Elongation retention, %	UL 1581	88.2
Surface flammability	D-2859	>3