

PHYSICAL PROPERTIES & PACKAGING (HETEROGENEOUS SHEET VINYL - 2.3 MM GAUGE / 20 MIL WEAR LAYER)

Construction	Heterogeneous Sheet Vinyl Flooring
Classification (ASTM F1303)	Type I, Grade 1, Class A
Use	Commercial
Size – Roll (W x L)	6 x 75 ft. (1.829 x 22.86 m)
Thickness – Overall	2.3 mm (0.091 in.)
Thickness – Wear Layer	0.5 mm (20 mil)
Finish	HP Urethane with Ceramic Bead
Coverage – Roll	450 sq ft. (50 sq yd. / 41.81 sq m.)
Coverage – Pallet	12 Rolls/Pallet (5,400 sq ft. / 600 sq yd. / 501.7 sq m.)
Coverage – Container	10 Pallets/Container (54,000 sq ft. / 6,000 sq yd. / 5,017 sq m.)
Limited Warranty	12-Year Commercial

STANDARDS – MANUFACTURING & USAGE (ASTM F1303)

STANDARD	DESCRIPTION	REQUIREMENTS	RESULTS
ASTM F410	Wear Layer Thickness	Type I, Grade 1 ≥ 0.020 in.	Passes Requirements
ASTM F137	Flexibility	Type I: No cracks/breaks (0.25 in. mandrel)	Passes Requirements
ASTM F1914	Residual Indentation	Type I: ≤ 0.012 in.	Passes Requirements
ASTM F970	Static Load Limit	Commercial: ≥ 175 psi at 0.005 in.	Passes (1,500 psi at 0.005 in.)
ASTM F925	Chemical Resistance	No More Than "Slight Change"	Passes Requirements
ASTM F1514	Resistance to Heat	Average $\Delta E \leq 8.0$	Passes Requirements
ASTM F1515	Resistance to Light	Average $\Delta E \leq 8.0$	Passes Requirements

STANDARDS – SAFETY & PERFORMANCE

STANDARD	DESCRIPTION	REQUIREMENTS	RESULTS
ASTM E648	Critical Radiant Flux (Radiant Panel)	Class I: ≥ 0.45 W/sq.cm	Passes Requirements ¹
ASTM E662	Smoke Density	Flaming & Non-Flaming ≤ 450	Passes Requirements ²
REACH SVHC 235	Substance of Very High Concern	$\leq 0.1\%$ per Substance	Passes Requirements
ASTM F963	Heavy Metals	Refer to Standard (Table I)	Passes Requirements
CPSC-CH-C1001-09.4	Phthalates	Per CPSIA ³ $\leq 0.1\%$ per Substance	Passes Requirements
ASTM G21	Antifungal Activity	N/A (No Official Requirements)	Top Surface: 0 (No Growth)
ASTM D2047	Coefficient of Friction (Slip Resistance)	N/A (No Official Requirements)	≥ 0.6 (Dry)
ANSI/ESD STM97.2	Body Voltage	N/A (No Official Requirements)	Average (Absolute): ≤ 2.0 kV
ASTM D4060	Abrasion Resistance	N/A (No Official Requirements)	42,000 cycles

Notes

- ASTM E648 - Critical Radiant Flux (Radiant Panel): Passes Requirements for Class I per International Building Code (IBC) 2018 & NFPA 101 Life Safety Code.
- ASTM E662 - Smoke Density: 450 is the limit established by many state, county, and/or local building and/or fire codes, but is not set as a limit for (resilient) flooring products nationwide. Thus, Smoke Density requirements for flooring products may vary from jurisdiction to jurisdiction. Consult your building inspector / fire marshal to learn more.
- CPSIA = Consumer Product Safety Improvement Act.