

No.	Test Method	Name		Standard
1	Internal	Packing Appearance		Pallets/Cartons/Labels/Inserts/Bar Codes match customer order in quality and quantity, with neat appearance.
2	Internal	Product Appearance		Material must match customer order. No print film folding, no rough bevel, no bevel with white line, no film scratch or breakage, no color difference, no wear layer bubbles, no impurities, no stains, no dents, no scratches, no broken corners, no fish eyes, no trash, no holes, no hair/ foreign subject, no overhang or uneven backpad, etc. Laser print of date/PO# and crew# present.
3	ASTM F1700	Dimensions	Length	± 0.40 mm
			Width	± 0.10 mm
4	ASTM F1700	Overall Thickness		± 0.10 mm
5	ISO 24342	Squareness	Length	≤ 0.25 mm
			Width	≤ 0.25 mm
6	ISO 24342	Straightness	Length	≤ 0.25 mm
			Width	≤ 0.25 mm
7	EN13329	Stitching Gap (mm)		Stitching gap (mm)
8	EN13329	Height Difference		≤ 0.10
9	EN 429	Wear layer thickness measurement		± 0.02 mm
10	ASTM F2199	Dimensional stability after heat exposure (%) (6h - 80°C)		≤ 0.10%
11	ASTM F2199	Warping after heat exposure (mm) (6h - 80°C)		≤ 1.0mm
12	EN-431	Peeling Strength (kgf/50mm)		Wear Layer 0.10-0.15mm: > 3.8kgf/50mm Wear Layer 0.16-0.20mm: > 4.0kgf/50mm Wear Layer 0.21-0.55mm: > 5.5kgf/50mm Wear Layer > 0.56mm: > 6.5kgf/50mm
13	EN-431	Click Strength (kgf/50mm)		Thickness below 4.2mm: > 8kgf/50mm Thickness above 4.3mm: > 10kgf/50mm
14	ASTM D2395	Density (g/cm3)		1.9-2.2g/cm ³
15	ASTM D523	Gloss Level (gu)		±2gu per customer required gloss
16	EN 16094B	Anti-Scratch / Scratch Resistance (g)		> 2500g
17	EN 16094B	Cross hatch adhesion		5B
18	EN 16094B	Micro-scratch Resistance		3 or better
19	EN 13329 (S-42, 200 cycle change)	Wear Layer Abrasion Resistance		0.3mm wearlayer IP≥1800cycles; 0.4mm wearlayer IP≥3500cycles; 0.5mm wearlayer IP≥4000cycles.
20	CPSC-CH-C1001-09.4	Phthalates		GC-MS analysis each substance ≤ 50ppm
21	ASTM E90	Calculated Sound Transmission (STC)		52
22	ASTM E492	Impact Sound Reduction (IIC)		62