

VinylFlex and GameFlex PRODUCT SPECIFICATIONS

PART 1 – PRODUCT DESCRIPTION

1. General

A multi-purpose resilient sheet flooring made of heterogeneous vinyl.

2. Wear layer

Vinyl wear layer with a permanent anti-microbial treatment, bonded via a cross-link polymer (CLP) system.

3. Backing

Bottom and middle layers of closed-cell vinyl foam sponge, reinforced with a layer of non-woven fiberglass for dimensional stability.

4. Roll sizes 6'7" x 49'2"

PART 2 – TECHNICAL SPECIFICATIONS

1. Physical Properties	Test	Requirement	Standard	Supreme	Extreme
Overall thickness			6.0 mm	6.7 mm	8.0 mm
Wear layer thickness			1.30 mm	1.30 mm	1.45 mm
Weight		In lbs/sq ft	0.85	0.87	0.94
3. Safety					
Critical radiant flux	ASTM E648	Class 1: 0.45 w/cm ² or higher	0.52	0.52	0.52
4. Performance					
Shock absorption	EN 14808	Min. 25% to max. 75%	pending	33%	pending
Sliding properties	prEN 14903	Slip coefficient: min 0.4 to max 0.7	0.61	0.60	0.61
Slip resistance	ASTM C1028	Slip coefficient: OSHA min. 0.5; ADA (guideline) min. 0.6	wet 0.71 dry 0.70	wet 0.71 dry 0.70	wet 0.71 dry 0.70
Ball rebound	DIN V18032-2	Min. 90%	98%	98%	98%
Light reflection	NFT 30-064	Max. 12%	9.2%	5.4%	9.0%
Sound insulation	ISO 717/2	In decibels	>20	>20	>20
5. Durability					
Abrasion resistance	NFP 90102	Max. 0.8 g	0.15 g	0.22 g	0.15 g
Chemical resistance	ASTM F925	Best = no change	No change	No change	No change
Dimensional stability	EN 434	Max. 0.2%	0.2%	0.2%	0.2%
Residual impression	NFT 54-209	Max. 0.5 mm	0.42 mm	0.50 mm	0.34 mm
Static load limit	ASTM F970	Commercial use: min. 175 psi	200 psi	200 psi	200 psi
6. LEED					
MR Credit 4.1	LEED-NC v. 2.2	Min.10% recycled content (all materials)	6% pre- consumer	6% pre- consumer	6% pre- consumer