

SPECIFICATIONS COMPARISON CHART										
MANNINGTON COMMERCIAL BRAND	OVERALL THICKNESS (NOMINAL) ¹	WEAR LAYER (NOMINAL) ¹	STATIC LOAD LIMIT PSI 2 (kg/cm ²)	DURABILITY 3	EASE OF MAINTENANCE 3A	CIGARETTE BURN RESISTANCE 3B	RESILIENCE 3C	REFERENCE SPECIFICATIONS 4	ASTM E 648 0.45 WATT/CM ² OR MORE CLASS 1 5A	ASTM E 662 450 OR LESS 5B
SHEET VINYL BIOSPEC™	0.080" (2.0mm)	0.080" (2.0mm)	125 (8.79)	XS	E	F	E	Fed Spec L-F-475A(3) Type II, Grade A (See note 4A) ASTM F 1303 Type II, Grade 1 Backing Class N/A	YES	YES
INSPIRED FIELDS®	0.082" (2.08mm)	0.068" (1.73mm)	125 (8.79)	S	E	F	E	Fed Spec L-F-475A(3) Type II, Grade A (See note 4B) ASTM F 1303 Type II, Grade 1 Class A Backing	YES	YES
FINE FIELDS®	0.082" (2.08mm)	0.068" (1.73mm)	125 (8.79)	S	E	F	E	Fed Spec L-F-475A(3) Type II, Grade A (See note 4B) ASTM F 1303 Type II, Grade 1 Class A Backing	YES	YES
RANDOM FIELDS®	0.082" (2.08mm)	0.068" (1.73mm)	125 (8.79)	S	E	F	E	Fed Spec L-F-475A(3) Type II, Grade A (See note 4B) ASTM F 1303 Type II, Grade 1 Class A Backing	YES	YES
CUSTOMSPEC II™	0.085" (2.16mm)	0.025" (.64mm)	100 (7.04)	E	E	P	E	Fed Spec LF-001641(2) Class 1, Type III ASTM F 1303 Type 1, Grade 1 Class A Backing	YES	YES
VCT INSPIRATIONS™	1/8" (3.2mm)	1/8" (3.2mm)	75 (5.27)	E	S	G	G	Fed Spec SS-T-3128(1) Type IV, Comp. 1, ASTM F 1066 Comp 1	YES	YES
ESSENTIALS™	1/8" (3.2mm)	1/8" (3.2mm)	75 (5.27)	E	S	G	G	Fed Spec SS-T-3128(1) Type IV, Comp. 1, ASTM F 1066 Comp 1	YES	YES

1.) Listed overall thicknesses as well as wearlayer thicknesses are nominal and subject to universal manufacturing variances.

2.) Psi: lbs./sq.in.

A.) Static Load Limit per ASTM F 970

3.) Ratings are subjective. They compare relative quantities of the product line under Mannington Commercial

Abbreviations:

XS-Extra Superior G-Good
S-Superior F-Fair
E-Excellent P-Poor

A.) Ease-of-Maintenance ratings are based on lab results and real-life experiences.

B.) Cigarette-burn resistance: Based on relative stain and surface damage from actual cigarette burning.

C.) Resilience ratings: Based on testing of indentations and recovery.

4.) Reference Specifications: Mannington Commercial products are manufactured to meet or exceed specification requirements, except as noted. All Mannington Commercial products may be installed on all grade levels.

A.) BioSpec mets wearlayer gauge and composition, flexibility indentation, and solvent-resistance requirements.

B.) All Fields products meet wear-layer gauge and composition, flexibility indentation, dimensional stability, and solvent-resistance requirements.

5.) Fire Test Data:

A.) ASTM E 648 Flooring Radiant Panel - Critical Radiant Flux watts/sq. cm.

B.) ASTM E 662 Smoke Chamber - Specific Optical Smoke Density Numerical flammability ratings are provided only for use in product selection. They may not reflect performance under real-life fire conditions.