



Part Number	Width x Length (Inch)	Width x Length (mm)
LTHD-ESD-VM-1224	12" x 24"	305 x 610 mm
LTHD-ESD-VM-1824	18" x 24"	457 x 610 mm
LTHD-ESD-VM-2436	24" x 36"	610 x 914 mm
LTHD-ESD-VM-2448	24" x 48"	610 x 1219 mm
LTHD-ESD-VM-3060	30" x 60"	762 x 1524 mm

This document can't be used or copied without authorisation from LTHD Corp. and must be treated as confidential information.
Property of LTHD Corporation.

Drawing Number: DK005-30-04-26		NR Revision 0 1 2 3 4 5 6 7 8 9		
Date:	30.04.2026	Print/Cut Tolerance	Thickness Tolerance	Scale
SAP PN: n/a		± 0.5 mm	See Material Data Sheet	1:4
MPN:			Format A4	
Material: K002				

K002 Technical Data

CERTIFICATION & CLASSIFICATION	STANDARDS	K002
Type of covering	ISO 10581	Permanently static conductive pressed homogeneous vinyl flooring
Binder content	ISO 10581	Type I
CE certification	EN 14041	Yes
Classification	ISO 10874	Commercial: 34 Industrial: 43
TECHNICAL CHARACTERISTICS	STANDARDS	K002
Wear layer thickness	ISO 24340	2.0 mm
Total thickness	ISO 24346	2.0 mm
Total weight/m²	ISO 23997	2950 g
TECHNICAL PERFORMANCES	STANDARDS	K002
Dimensional stability	ISO 23999	≤ 0.40% for rolls ≤ 0.25% for tiles
Reaction to fire	EN ISO 13501-1 EN ISO 9239-1 EN ISO 11925-2	Class B _{fl} s1 ≥ 8 kW/m ² Pass
Residual indentation	ISO 24343-1	Required value: ≤ 0.10mm Best measured value: 0.02 mm
Castors chair test	ISO 4918	Suitable
Static electrical discharge	EN 1815	< 2 kV
Electrical insulation	VDE 0100, Part 600	R _i ≤ 5 × 10 ⁴ Ohms
Electrical resistance	ESD-approval SP-method 2472 EN 1081 EN/IEC 61340-4-1 / 100 V EN/IEC 61340-4-5	R ≤ 10 ⁹ Ohms R ₁ 5×10 ⁴ ≤ R ≤ 10 ⁶ Ohms R ₂ 5×10 ⁴ ≤ R ≤ 10 ⁶ Ohms R 5×10 ⁴ ≤ R ≤ 10 ⁶ Ohms ≤ 3.5×10 ⁷ Ohms
Clean room test	ASTM F24 F51	Class A
Ease of decontamination	ISO 8690	Good
Total VOC emissions	AgBB/DIBt	≤ 10 µg/m ³ (after 28 days)
Underfloor heating		Suitable - max. 27°C
Thermal resistance	EN 12667	Approx. 0.01 m ² K/W
Light fastness	EN ISO 105-B02	≥ level 7
Chemical resistance	ISO 26987	Good resistance
Bacteria resistance	ISO 846:Part C	Does not favour growth
Slip resistance	DIN 51130 EN 13896	R9 ≥ 0.3
Seam strength	EN 684	Average value: ≥ 240 N/50 mm Individual values: ≥ 180 N/50 mm

The above information is subject to modification for the benefit of further improvement. (05/16).

CUSTOMS TARIFF : 482050000000F

General Information

According to European Classification ISO 10874 - EN 685

