

ESD PERFORMANCES	TEST METHOD	CLASSIFICATION STANDARD		for cleanroom
Protection against ESDs	-	IEC 61340-5.1	-	OK
		ANSI/ESD S 20.20		
Electrical resistance ⁽¹⁾	IEC 61340-4-1	IEC 61340-5.1	Ω	Rgp < 10 ⁹
	ANSI/ESD S 7.1	ANSI/ESD S 20.20		Rgp < 10 ⁹
	ANSI/ESD S 7.1	ANSI/ESD S 20.20		Rpp < 10 ⁹
	IEC 61340-4-5 ⁽²⁾	IEC 61340-5.1		Rg < 10 ⁹
	ANSI/ESD STM 97.1	ANSI/ESD S 20.20		10 ⁶ < Rg < 10 ⁹
	EN 1081	EN 14041		Rg ≤ 10 ⁶
	ASTM F150	-		Rg < 10 ⁹
Body Voltage Generation (BVG)	IEC 61340-4-5	IEC 61340-5.1	v	< 100 ⁽²⁾
	ANSI/ESD STM 97.2	ANSI/ESD S 20.20		
CLEANROOM PERFORMANCE				
Particulate emission	Méthode FRAUNHOFER	ISO 14644-1	-	ISO 5
	-	FS 209 ^E	-	Class 100
Air cleanliness	ISO 16000-6,-9,-11	ISO 14644-8	ACCn/AMCn Class	- 7.7
Anion emission	Méthode FRAUNHOFER	ISO 14644-8	[ΩG/m ² /h]	unmeasurable (at 23°C)
Ammonium N emission	ISO11732	ISO 14644-8	[ΩG/m ² /h]	unmeasurable (at 23°C)
Particulate cleanability	Méthode FRAUNHOFER	VDI 2083 part 9.3 ISO 14644-9	%	98.8 % reduction in particulate contamination
Microbiological cleanability	Méthode FRAUNHOFER	ISO 1498-1/GMP	classification	A
Action of micro-organisms on the flooring	ISO 846	GMP	classification	Inert and resistant
Micro-organism growth on the flooring	ISO 846	ISO 14698-1	classification	Bactériostatic
Chemical resistance	ISO2812-1	ISO 14644-4	-	Excellent
Resistance to gaseous H ₂ O ₂	BIOQUELL process	ISO 14644-4	-	No alteration
Maximum static load	ASTM F970	-	-	-.002" under 250 psi and up to 2000 psi
DESCRIPTION				
Total thickness	-	EN ISO 24346 (EN 428)	mm	2 (0.08")
Roll length / width	-	EN ISO 24341 (EN 426)	cm / ml	200 x 20 (6'6" x 66')
European classification	-	EN ISO 10874 (EN 685)	classification	34 - 43
UPEC	-	-	classification	Adapted for rooms classified U4P3E2/3C2
Reference specification	-	ASTM F1913 EN 14041	-	Meets requirements
Fire behaviour	-	EN 13501-1	class	Bfl-s1
Fire rating	-	ASTM E648	class	Class 1
Non-slip properties	-	DIN 51130	class	R9
Coefficient of friction	-	ASTM C 1028	-	Meets requirements

(1) Results of tests performed on the flooring alone

(2) Measured with ESD shoes compliant with IEC 61340.5.1 and ANSI/ESD 20.20