Technical specifications

Sphera meets the requirements of EN ISO 10581

		Sphera Elite b+
Total thickness	EN ISO 24346	2.0 mm
Surface finish		SMART top
Wear layer binder content	EN ISO 10581	Type 1
Collection size		18
Domestic use	EN ISO 10874	Class 23
Commercial use	EN ISO 10874	Class 34
Light industrial use	EN ISO 10874	Class 43
Roll width	EN ISO 24341	2.0 m
Roll length	EN ISO 24341	≤ 27 m
Total weight	EN ISO 23997	2700 g/m²
Dimensional stability *Typical value*	EN ISO 23999	≤ 0.4% *~ 0.2%*
Slip resistance (ramp test)	DIN 51130	R9
Castor chair continuous use	ISO 4918	Pass
Residual indentation *Typical value*	EN ISO 24343-1	≤ 0.10 mm *~ 0.03 mm*
Colour fastness to light	EN ISO 105 B-02 method 3	≥ 7
Indoor air emissions: TVOC after 28 days	ISO 16516	≤ 0.01 mg/m³
Resistance to chemicals	EN ISO 26987	Very good
Flexibility	EN ISO 24344	Ø 10 mm
Use in wet areas	EN 13553	Yes
Bacteria resistance	EN ISO 846	Does not support growth
Cleanroom particle emission	ISO 14644-1	-
Life Cycle Assessment		LCA is the foundation for securing the lowest environmental impact
Creating better environments		
Renewable electricity		Sphera is manufactured using 100% electricity from renewable sources
Recycled content	EN 17861	43%
Bio-circular content (mass balance)	EN 17861	23%

Sphera meets the requirements of EN 14041:2004

		0200301-DOP-605
Reaction to fire	EN 13501-1	B_{fl}-s1, G, CS
Slip resistance	EN 13893	μ ≥ 0.30
Thermal conductivity	EN 12524	0.25 W/mK
Body voltage	EN 1815	≤ 2.0 kV