

















Technical specifications

All Needlefelt products meet the demands set by EN 1370

		Forte	Markant	Akzent	
	Total thickness	ISO 1765	ca. 6,5 mm	ca. 5,5 mm	ca. 5,0 mm
	Application	EN 1470	class 33	class 33	class 33
	Roll length		ca. 30 m	ca. 30 m	ca. 30 m
	Roll width		200 cm	200 cm	200 cm
	Pile material		100% PA	100% PA	80% PA / 20% PP
	Backing		100% Synthetic (PES)	100% Synthetic (PES)	100% Synthetic (PES)
	Construction		fully impregnated	fully impregnated	fully impregnated
	Pile weight		ca. 750 g/m ²	ca. 600 g/m ²	ca. 500 g/m ²
	Total weight	ISO 8543	ca. 1,5 kg/m ²	ca. 1,2 kg/m ²	ca. 1,0 kg/m ²
	Contact sound insulation	ISO 140-8	22 dB	21 dB	20 dB
	Sound absorption	EN ISO 354	$\alpha_w = 0,20$ (H)	$\alpha_w = 0,20$ (H)	$\alpha_w = 0,20$ (H)
	Suitability for castor chairs	EN 985	Yes	Yes	Yes
	Light fastness	ISO 105/B02	> 6	> 6	> 6
	Water fastness	ISO 105/E01	> 3-4	> 3-4	> 3-4
	Rubbing fastness wet	ISO 105-X12	> 3	> 3	> 3
	Rubbing fastness dry	ISO 105-X12	> 3-4	> 3-4	> 3-4

All Needlefelt products meet the demands set by EN 14041

			0300242-DoP-306 0300576-DoP-306	0300236-DoP-306 0300572-DoP-306	0300227-DoP-306
	Product code	EN 14041			
	Reaction to fire	EN 13501-1	B _n -s1, L, NCS	B _n -s1, L, NCS	B _n -s1, L, NCS
	Slip resistance	EN 13893	$\mu \geq 0.30$	$\mu \geq 0.30$	$\mu \geq 0.30$
	Electrical resistance - static dissipative	ISO 10965	$\leq 1 \times 10^9 \Omega$	$\leq 1 \times 10^9 \Omega$	$\leq 1 \times 10^9 \Omega$
	Body voltage	ISO 6356	≤ 2 kV	≤ 2 kV	≤ 2 kV
	Thermal conductivity	EN 12524	0,06 W/(m.K)	0,06 W/(m.K)	0,06 W/(m.K)

