
















# Technical specifications

All Needlefelt products meet the demands set by EN 1370

		<b>Forte</b>	<b>Markant</b>	<b>Akzent</b>	
	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 <sup>2</sup>	ca. 600 g/m <sup>2</sup>	ca. 500 g/m <sup>2</sup>
	Total weight	ISO 8543	ca. 1,5 kg/m <sup>2</sup>	ca. 1,2 kg/m <sup>2</sup>	ca. 1,0 kg/m <sup>2</sup>
	Antistatic properties	ISO 10965	≤ 10 <sup>7</sup> Ω	≤ 10 <sup>7</sup> Ω	≤ 10 <sup>7</sup> Ω
	Contact sound insulation	ISO 140-8	22 dB	21 dB	20 dB
	Sound absorption	EN ISO 354	α <sub>w</sub> = 0,20 (H)	α <sub>w</sub> = 0,20 (H)	α <sub>w</sub> = 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 <sub>f1</sub> -s1, L, NCS	B <sub>f1</sub> -s1, L, NCS	B <sub>f1</sub> -s1, L, NCS
	Slip resistance	EN 13893	μ ≥ 0.30	μ ≥ 0.30	μ ≥ 0.30
	Body voltage	ISO 6356	≤ 2 kV	≤ 2 kV	≤ 2 kV
	Thermal conductivity	EN 12524	0,06 m <sup>2</sup> K/W	0,06 m <sup>2</sup> K/W	0,06 m <sup>2</sup> K/W