

# OBJECT CARPET

## Typical characteristics EN 1307

Name of article:	<b>Lotis Line 1000</b>
Method of production ISO 2424:	tufted
Width ISO 3018:	ca. 400 cm
Surface structure ISO 2424:	Loop
Colourways ISO 2424:	bicolour patterned
Pile material:	100% Polyamid Antron® Legacy
Primary backing ISO 2424:	PES
Secondary backing ISO 2424:	conductive latexation and action back
Overall weight ISO 8543:	ca. 2.400 g/m <sup>2</sup>
Overall thickness ISO 1765:	ca. 6,5 mm
Mass of effective pile ISO 8543:	ca. 610 g/m <sup>2</sup>
Pile service weight:	ca. 930 g/m <sup>2</sup>
Effective pile thickness ISO 1766:	ca. 2,5 – 5,0 mm
Pile density ISO 8543:	ca. 0,15 g/cm <sup>3</sup>
Stitch rate ISO 1763:	ca. 189.000 /m <sup>2</sup>

## Application

Wearability:	33
Comfort class:	LC 3

## Physical features as to the building

Electrostatic loading:	< 2 KV														
Surface resistivity:	10 <sup>9</sup> Ω														
Sound absorption:	+ 27 dB														
Acoustical absorption $\alpha_w$	0.25														
Sound absorption $\alpha_s$	<table><thead><tr><th>Hz</th><th>125</th><th>250</th><th>500</th><th>1000</th><th>2000</th><th>4000</th></tr></thead><tbody><tr><td><math>\alpha_s</math></td><td>0,01</td><td>0,04</td><td>0,08</td><td>0,33</td><td>0,37</td><td>0,42</td></tr></tbody></table>	Hz	125	250	500	1000	2000	4000	$\alpha_s$	0,01	0,04	0,08	0,33	0,37	0,42
Hz	125	250	500	1000	2000	4000									
$\alpha_s$	0,01	0,04	0,08	0,33	0,37	0,42									
Transparency to heat:	ca. 0,11 K*m <sup>2</sup> /W														
Flammability EN 13 501 – 1:	Cfl- s1 (alt B1)														

## Ecological characteristics

DIBt-AgBB Schema	AbZ.: Z-156.601-26
Conformity certificate	1658-CPD-1219
PRODIS / GUT - ID	Lizenz-Nr.: 8978518F
EPD (Environmental Product Declaration)	EPD-GUT-2009311-D

## Fastness

Light fastness	≥ 5
Water fastness	≥ 4
Friction fastness	≥ 3-4

01/2012 Subject to production technical changes

