

Latexco Quality Department Document

Code: FR-CS-TOP

Doc.: Technical Data Sheet

Review date: 2/06/2023

Version: 2

TDS: comfort layer TFXAD

Page: 1 of 2

Comfort layer TFXAD

1. General

Comfort sheet produced by vulcanisation of a mixture of 100% natural FSC latex using Sonocore technology.

2. Physical properties¹

Property	Nominal value	Norm	Remark
Density (kg/m ³)	75	ISO 845	
Firmness 25% (N)	80	ISO 2439	Method B
Firmness* 40% (N)	120	ISO 2439	Method B
Hysteresis (%)	20	ISO 2439	Method B
Resilience "ball rebound" (%)	55	ISO 8307	
Sag-factor (-)	3.8	ISO 2439	
Tensile strength (kPa)		ISO 1798	
Elongation (%)	>400%	ISO 1798	
Compression (%)	8.0%	ISO 1856	50%, 70 °C, 0rh, 22h
Dynamic fatigue (%)	10% 0%	ISO 3385	Height loss Hardness loss
Dynamic fatigue (%) durability test	19%	EN 1957	Height loss Hardness loss
Fire retardant properties	NA NA	EN 597-1 BS 5852-2	Cigarette test Open flame

3. Quality labels



¹For product comparison only. The test results are average values, to which tolerances are applicable, subject to change.

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4. Product tolerances

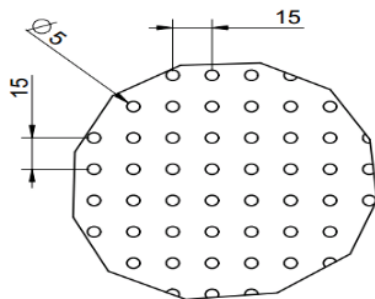
Dimensions			
Length (mm)	Width (mm)	Height (mm)	Borders (mm)
+10/-10	+10/-10	+2/-2	+3/-3

Physical properties				
Density (%)	Firmness* (N)	Compression (%)	Fatigue (%h)	Durability (%h)
+/-7	+/-15	< 15 %	< 5 %	< 15 %

5. Visual appearance²



6. Detail perforations



²Products conform to Latexco visual standard

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