

**SICOPRINT 315\_4D**

WHITE MATT PVC FILM DEDICATED FOR PRINTING APPLICATIONS			
Thickness (µm)	100 - 810 µm		
Thickness tolerances	150 to 170 µm : +/-10% on 100% of readings >170 µm: +/-5% on 100% of readings		
Surface finish	6060		
Colours	1522 (Standard opaque white) 1309 (Medium opaque white) 1128 (Super opaque white)		
Properties	Typical value	Unit	Test Method
Vicat-softening point	83 ±2	°C	UNI EN ISO 306 VST/A50 Stacked samples
	80 ±2	°C	UNI EN ISO 306 VST/B50 Laminated samples
Surface tension	Best printing side ≥ 40 Reverse side ≥ 36	mN/m (dynes/cm)	ISO 8296
Roughness	Ra 1,4 µm - 2,2 µm (cut off 2,5)	µm	SPICA
Tensile strength at break	42	N/mm <sup>2</sup>	UNI EN ISO 527-3/2/50
Tensile strength at yield	N/A	N/mm <sup>2</sup>	UNI EN ISO 527-3/2/50
Elongation at break	120	%	UNI EN ISO 527-3/2/50
Elongation at yield	N/A	%	UNI EN ISO 527-3/2/50
Young's modulus	2220	N/mm <sup>2</sup>	UNI EN ISO 527-3/2/50
Impact under strength	≥400	kJ/m <sup>2</sup>	ISO 8256 Sample not laminated

**Shelf life:**

2 years in the original packaging.

**Storage conditions:**

Temperature between 15°C and 30°C and relative humidity between 40% and 60% - NO direct sunlight exposure.

30/11/2022