

Mastertac Technical Information

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Product	PE LASER M HS / PERMANENT FILM / KRAFT STABILIZED 120-FSC / SOLID UNPRINTED
Sales Code	AXV/97-A/IQB/W0
Product use	Designed for information labeling, especially used on drums logistic labeling. Due to the exceptional thickness and stability, large label sizes can be used. Certified by HP Indigo Industrial media for Indigo digital offset printing

Typical technical values

Face	PE LASER M HS		
Product	White matt high pigmented computer imprintable polyethylene film.		
Substance	115	g/m ²	DIN 53352
Caliper	178	µm	DIN 53370
Elongation MD	430	%	DIN 53455
Elongation CD	470	%	DIN 53455
Opacity	92	%	DIN 53146/1
Printability	Due to the surface properties, the film is pre-printable by screen, offset, flexography, letterpress, electrophotography, electrography, digital offset and dotmatrix. Thermal transfer with selected ribbons. Inks for filmic substrates are recommended. Laser and copier printable: specially developed for medium and high volumes.		
Adhesive	97-A		
Type	Permanent		
Composition	Waterborne acrylic		
Tack min	9	N	FTM 9
Shear min	10	h	FTM 8
PE-looptack min	5	N	modified FTM 9
Backing	KRAFT STABIL 120-FSC		
Product	White woodfree kraft backing paper.		
Substance	120	g/m ²	ISO 536
Caliper	112	µm	ISO 534
Tensile strength MD	8	kN/m	ISO 1924
Tensile strength CD	4	kN/m	ISO 1924
Sustainability	The product is sold as FSC Mix Credit under UPM Raflatac's FSC™ certificate SGSCH-COC-004879.		

Performance

Total caliper	307 $\mu\text{m} \pm 10\%$
Minimum labelling temperature	5 °C
Service temperature	-20 + 100°C
Shelf life	From date of manufacture: 12 months, under FINAT defined storage conditions (+20-25°C and 40-50% RH). Prolonged storage at higher temperatures and/or humidity levels will shorten the shelf life.

Information

Product availability Standard range. (Other sizes and/or components available upon request).

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