RAYFILM®
LABELS & MEDIA FOR QUALITY PRINTING

TECHNICAL DATA SHEET

Update Opava 19.02.2025

Product	**MATTE WHITE POLYESTER SELF-ADHESIVE LASER FILM**		
Code	**R0502 - with strong glue**		
	White, heat stabilized, matt coated polyester film		
Use	Product designed for laser printed logistics and various information label applications requiring high adhesion properties. This filmic product has excellent tolerance for temperature and humidity fluctuations.		
Printability	Suitable for laser printers, copiers and common label printing methods like flexography, screen and offset due to the pre-treatment.		
Typical technical values			
Face	Unit		Tolerance
Substance	75	g/m²	±10 g/m²
Caliper	58	µm	±10 µm
Elongation MD	150	%	
Elongation CD	130	%	
Opacity	88	%	
Backing liner			
Substance	120	g/m²	±10 g/m²
Caliper	112	µm	±10 µm
Tensile strength MD	8	kN/m	
Tensile strength CD	4	kN/m	
Adhesive			
Type	Extra permanent for A4 and cut size applications		
Composition	Acrylic, water borne		
Tack min.	12	N	
Performance			
Minimum labelling temperature	0	°C	
Service temperature min.	-20	°C	
Service temperature max.	70	°C	
Shelf life	From the date of manufacture 2 years in +20-25°C and RH 40-50%. Prolonged storage at higher temperatures and/or humidity levels will shorten the shelf-life.		
Limitations	High temperature/humidity during the storage might cause adhesive bleeding from the edges.UV resistance of the adhesive is limited. Not recommended for transparent face materials.		

	We recommend manual feed or to use bypass tray for laser printing, instead of standard feed tray. This allows sheets to be printed on a straight pass, minimizing the risk of jams and post-laser curling effect of labelstock with filmic face material. Always fan the pile of sheets prior printing in order to release accumulated electric charge.
Format	A4, SRA3 (320x450 mm)
Sheet tolerance	± 0,25mm
Warranty	Our recommendations are based on our most current knowledge and experience. As our products are used in conditions beyond our control, we cannot assume any liability for damage cause through their use.