



Provisional Technical data sheet

YUPO FPS 80 MP 710N Century 8 White

FACE MATERIAL

White medium gloss bi-axially oriented polypropylene film with high opacity, whiteness and good printability.

Application

This product is mainly used for the production of labels where a high level of mechanical resistance is necessary.

Strong and unaffected by water, grease and a wide range of chemicals.

Printable by thermal transfer with suitable ribbons.

Certification : marine use (BS 5609)

Technical characteristics

Thickness	81 ± 7 µm	ISO 534
Weight	62 ± 6 gr/m ²	ISO 536
Tensile strength MD	≥ 58 N/15mm	DIN 53455
Resistance CD	≥ 100 N/15mm	DIN 53455
Glossy	≥ 17%	DIN 67530

ADHESIVE

Unique permanent rubber based adhesive that has been developed as an answer to both printers and end users' requirements to give high initial tack and adhesion over a wide range of surfaces.

MP 710N performs well on difficult surfaces including polyethylene and polypropylene. This hot melt adhesive performs well on difficult substrate.

Certification : Direct contact dry and moist non-fatty foodstuffs (26146 U 08)

Properties

High Speed Release	≈ 0.31	N/25mm at 100 m/min.	FTM 4
Low Speed Release	≈ 0.03	N/25mm at 300 mm/min	FTM 3
Quick Tack	≥ 16	N on glass	FTM 9
Final Peel (20 min)	≥ 11	N/25 mm on glass	FTM 1
Cohesion	≥ 30	Hours on glass	FTM 8
Appl. temperature	≥ +0°C		
Service temperature	from -30 to +60°C		

BACKING

Super calendered glassine backing paper combining high flexibility and consistent calliper for speed and ease of conversion with good translucency for optical scanning. Excellent resistance to die-cutting.

Technical characteristics

Thickness	68 ± 6 µm	ISO 534
Weight	80 ± 4 gr/m ²	ISO 536
Tensile strength MD	≥ 90 N/15 mm	DIN 53455
Resistance CD	≥ 50 N/15 mm	DIN 53455
Transparency	≥ 42 %	DIN 53147

Shelf life : 3 years when stored at 15-25°C, (50 ± 5) % relative humidity, in the original packaging.



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