

Product: Thermal Top Triplex Perm Hot Melt

Thermal Top paper laminated with two layers of a high tack, permanent hotmelt adhesive to honey and white glassine liners, in a Twinstik construction.

Face Material	Target	Unit	Method
Substance	75 ± 4	g/m ²	TAPPI 410
Thickness	76 ± 5	μ	TAPPI 411

Description A topcoated and back barrier coated thermal paper Typically used for the labelling of prepacked foods where resistance to PVC stretch wrap, oil, grease and water are required, e.g. cheese, meat, poultry.

Adhesive	Target	Unit	Method
Peel Adhesion (to glass)	16	n/25mm	FTM 1
Tack (to glass)	13	N	FTM 9
Min Application Temperature	-5	°C	
Service Temperature	-20 to +70	°C	

Type: Rubber-resin hot melt high tack permanent adhesive designed to give high tack and adhesion to both polar and non-polar substrates. The components of TP9020 conform to FDA regulations 175.105 for indirect food contact.

Liner	Target	Unit	Method
Basis weight	60 ± 3	g/m ²	TAPPI 410
Thickness	54 ± 4	μ	TAPPI 411

Description: 60 gram white and honey glassine liners suitable for use where there is automatic label registration or dispensing.

Application and use

Twinstik constructions are used in decorative or functional label applications where a second self-adhesive label is required when the first layer has been peeled off or applied, e.g. direct mail, promotional stickers, logistical purposes etc. End user testing is required to confirm suitability of all components in end use application.

Converting and Printing

Variable information can be applied by a wide variety of direct thermal printers. Suitable for print speeds up to 10 inch/second. The thermal face accepts pre-print from U.V. and water-based print process. With aqueous flexo inks we strongly recommend the addition of heat additive, particularly when thermal printing through pre-inked regions.

Packaging

The rolls are slit according to customer requirements. They are delivered on pallets or in cartons. Product description labels are fixed on rolls.

Shelf Life and Storage Conditions

1 year when stored away from direct sunlight and heat, in a dark, dry place at a temperature of 20 °C ± 2 °C with a relative humidity of 50 %, ± 5%.

Ref: THTOP TRIPLEX / HM

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