



Master[®]tac

The smart choice.

93-F New Sheets adhesive for Deep Freeze applications

The new acrylic waterbased adhesive 93-F is the new development for Deep Freeze labels in Sheets format.

With an upgraded labelling temperature and service temperature, new 93-F enlarges the Deep Freeze applications compared to the previous 92-F.

New 93-F has ISEGA approval for direct contact with dry, moist and non-fatty foodstuffs.

	Labelling temperature min. °C	Service temperature min. °C
Old 92-F	0 °C	-30 °C
New 93-F	-5 °C	-40 °C

Standard range 93-F

Product name	Size	Sheets per ream	EAN
Machine Coated Plus-FSC (CKN) / 93-F / Kraft 90 (39) / W3 (Scored, Deep Freeze back-printed)	50 x 70	125	7154039

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MASTERTAC TECHNICAL INFORMATION

09/2015 ENG xxx

ADHESIVE	93-F
Removable	93-F (sales code)
Type	Deep-freeze permanent adhesive.
Composition	Acrylic, waterborne.
Use	Good adhesion at low temperatures.

Typical technical values

Tack min	4	N	FTM9
Shear min	8	h	FTM8
Labelling temperature min	-5	°C	
Service temperature min	-40	°C	
Service temperature max	60	°C	
Limitations	Limited heat resistance. Adhesive residues during guillotining may occur, higher risk of residues than with standard adhesives (Permanent). Not suitable for labelling curved surfaces. Limited adhesion to moist surfaces.		
Shelf life	2 years.		

Disclaimer

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