

# UPM Raflatac Technical Information

04.07.2017 ENG 166

ADHESIVE	RP37
Permanent	RP37 (sales code)
Type	Clear permanent adhesive.
Composition	Acrylic, water borne.
Use	General purpose adhesive for films in combination with paper liners. Good adhesion on polar and non-polar surfaces, combined with good resistance to water, chemicals, oils and UV-light. The high cohesion of the adhesive assists clean and stable performance during label conversion and dispensing.

## Typical technical values

Tack min	9	N/25mm	FTM 9
Peel 90°	7	N/25mm	FTM 2
Labelling temperature min	5	°C	
Service temperature min	-20	°C	
Service temperature max	80	°C	

Limitations Limited adhesion at low temperatures. The highest application temperature is dependent on the face material.

Approvals The ISEGA research centre has approved RP37 according to European requirements (EU10/2011) to be used for labelling of food packaging materials. In addition, RP37 may be used for direct contact with dry, moist and such kind of fatty foodstuffs to which a correction factor of at least 5 can be applied according to Regulation (EU) No 10/2011. ISEGA has EN ISO 17025 accreditation for analytics and EN 45011 for certification.

RP37 is in compliance with the demands of the Code of Federal Regulations, Food and Drug Administration (FDA), 21 CFR Ch. I (April 1, 2011 edition) 175.105, regulation of Indirect Food Additives; Adhesives.

Shelf life From the date of manufacture 2 years at +20 °C and RH 50%. Prolonged storage at higher temperatures and/or humidity levels will shorten the shelf life.

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