



RD 300 – Incorporating 3M adhesive technology Resistance and resilience for durables information labelling

UPM Raflatac's new RD 300 adhesive has excellent heat, chemical and UV resistance to deliver lasting label adhesion for the lifecycle of products in challenging conditions. The RD 300 provides rugged adhesion on a wide range of substrates, including low surface energy plastics.

RD 300 is available with three durable PET faces for use as name plates and identification labels wherever a dependable long-term solution is required: electronic components and PCBs, for example, and domestic and industrial appliances like hand-held electronics, computer equipment, power tools and garden machinery.

- Strong, ultra-resilient adhesive
- Available with durable Gloss White, Matt White and Matt Silver PET faces
- Combinations cover a wide range of durables applications

UPM RAFLATAC TECHNICAL INFORMATION

9/2011 ENG 1155

FACE	PET MATT WHITE TC 50 D	PET MATT SILVER TC 50 D	PET GLOSS WHITE TC 50 D
Product EAN	200238	200245	200252
Sales code	BEA/RD3D/28/H0	BEB/RD3D/28/H0	BEC/RD3D/28/H0
Product	Matt white topcoated polyester film	Matt silver topcoated polyester film	Gloss white topcoated polyester film
Typical technical values:			
Substance	75 g/m ²	75 g/m ²	70 g/m ²
Caliber	55 µm	55 µm	50 µm
Printability	Flexography, screen and letterpress. Special inks designed for non-absorbent materials should be used. The topcoat provides excellent Thermal Transfer printing properties.		
ADHESIVE	RD 300 – Incorporating 3M adhesive technology		
Type	Strong permanent adhesive		
Composition	Solvent acrylic		
Typical technical values:			
Tack	14 N	FTM9	
Peel	14 N/25mm	FTM1	
Labelling temperature min	5 °C		
Service temperature min	-40 °C		
Service temperature max	150 °C		
BACKING	HD70		
Product	White, highly transparent glassine backing paper		
Typical technical values:			
Substance	64 g/m ²	ISO 536	
Caliper	56 µm	ISO 534	
Tensile strength MD	7.5 kN/m	ISO 1924	
Tensile strength CD	2.7 kN/m	ISO 1924	
Transparency	51 %	DIN 53147	
Advantages	Excellent heat, chemical and UV resistance. Good adhesion on a variety of substrates including low surface energy plastics. Good dimensional stability and high tear and tensile strength. Backing specially developed for filmic label materials for optimal conversion properties and good with photocell dispensing systems. Material UL approved (File MH26760).		
Shelf life	From the date of manufacture: 2 years in +20°C and RH50%.		
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 caused through their use. This publication replaces all previous versions. All information is subject to change without notice.		

