

UV VARNISHES

	Low-migration varnishes				
Technical information	UV overprinting varnishes			UV tactile varnishes	
960UV	480LM	481LM	488LM	494LM	503LM
Application	high gloss	matt	satin matt	gloss low tactile	gloss low tactile
pre-treated plastic films - PE, PP, PET	●	●	●	●	
printed plastic films	●	●	●	●	
paper, carton	●	●	●		●
printed paper, printed carton	●	●	●		●
Method of application					
flad bed screen printing	●	●			
rotary screen printing				●	●
flexo printing	●	●	●		
offset varnishing unit	●	●	●		
roller coater / chamber blade	●			●	●
inline	●			●	●
approx. speed of machine (m/min)	80	25	35	50	50
OPV properties					
ITX-, benzophenone-, 4-Methylbenzophenon-free	●	●	●	●	●
free from Bisphenol A	●	●	●	●	●
low-migration	●	●	●	●	●
Nestlé Guidance Note on Packaging Inks 08-2016	●			●	●
silicone-free	●	●	●		
reactive	●	●	●	●	●
no penetration in the substrate (paper/carton)					●
high-gloss / high-speed	●				
gloss				●	●
matt		●			
satin matt			●		
tactile 50 - 100 µm				●	●
braille 150 - 250 µm					
Properties, cured OPV					
high-slip					
gluing	●		limited use	●	
hotfoil stamping/ foil blocking	●		limited use	●	
thermotransfer printable					
inkjet printable					
high degree of finishing				●	●
high scuff resistance				●	●
high chemical resistance	●	●	●	●	●
high water resistance					
immediate further processing	●	●	●	●	●

Note: RUCO UV varnishes are not suitable for direct food contact



Standard varnishes

UV overprinting varnish					UV tactile varnishes					
161	362	407	417	435	290	298	393	438	451	487
high gloss	gloss	gloss	matt	matt	high tactile	high tactile	high tactile	low tactile	low tactile	low tactile
•	•	•			•	•	•	•	•	•
		•		•						
•	•	•	•		•	•	•	•	•	•
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•		•		•	•			•		
•				•	•	•	•	•	•	•
•	•		•	•						
•	•	•	•	•	•	•	•	•	•	•
60	80	50	50	50	20	25	40	40	60	60
•	•	•	•		•	•	•	•	•	•
•	•	•	•							
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•	•	•	* limit.	* limit.	•	•	•	•	•	•

* limited suitability