

Type	PR 105
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Characteristics		Transparent rigid PVC film, impact modified, high surface brilliance for glossy/glossy surface reduced stress-whitening for cold-bending					
Surface finish		glossy glossy	glossy semimatt	matt glossy	matt semimatt	matt matt	supermatt supermatt
Thickness range	mm	0,050 – 0,400	-	0,150 – 0,300	0,080 – 0,300	0,150 – 0,400	-
Embossings		upon request					
Colours		glassclear neutral (0015), colours see colour swatch					
Physiological properties		Complies with the german Bedarfsgegenständeverordnung according to the current regulations.					
Special versions		Antistatic version (NF grade) (1 C), 0,080 – 0,300 mm, (1 D), < 0,200 mm, metallising quality (4 A), 0,080 – 0,300 mm metallised (4 B), 0,200 – 0,300 mm metallised with increased gloss (for sequin) (4H), wet-offset modified (4 D or 4 G), UV-stabilisation (5 A), improved light- and UV-stability (1 L).					
Properties		Test method		Value		unit	
Thickness tolerances	< 0,200 mm 0,200 – 0,400 mm > 0,400 mm	DIN 53370		+/- 10 +/- 7 -		%	
Density		DIN 53479		1,34		g/cm ³	
Tensile impact strength		EN ISO 8256-A-3		> 600 (gls/gls)		kJ/m ²	
Tensile strength		EN ISO 527-3/2/50		50 – 56 (gls/gls)		N/mm ²	
Vicat softening temperature	0,100-0,400 mm <0,100 mm	EN ISO 306, method VST/B50 in water/as laminated sample		77 +/- 1 76 +/- 2		°C	
Cold resistance		DIN 53372		- 18 (gls/gls)		°C	
Max. shrinkage (MD) oven, warm air thickness	< 0,100 mm 0,200 - 0,400 mm > 0,400 mm	DIN 53377 140°C/10 min.		surface (gls/gls) max. - 15 max. - 7 max. - 5		%	
Printability	flexo-, gravure-, screen-, letterpress- and wet-offset printing (4 D or 4 G)						
Weldability	thermal impulse / high frequency						
Punchability	good						
Glueability	with PVC adhesive						
Forms of supply		Rolls			Sheets		
Surface	Thickness mm	max. width small calender	mm large calender	max. width mm	max. length mm	(master size) mm	
glossy/glossy	< 0,100	1800	-	-	-	-	
	0,100 – 0,145	1350	1840	1350	1500	3000	
	0,146 – 0,500	1400	2080	1400	1500	3000	
matt/glossy	0,150 – 0,195	1300	-	1300	1500	3000	
	0,196 – 0,300	1350	-	1350	1500	3000	
matt/semimatt	0,080 – 0,145	1250	-	1250	1500	3000	
	0,146 – 0,195	1300	-	1300	1500	3000	
	0,196 – 0,300	1350	-	1350	1500	3000	
matt/matt	0,150 – 0,195	1300	-	1300	1500	3000	
	0,196 – 0,400	1350	-	1350	1500	3000	
Cutting/sitting tolerances	mm	+/- 0,5		+/- 0,5	+/- 0,5	(-0/+4)	