

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	0,100 – 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), wet-offset modified (4 D or 4 G), UV-stabilisation (5 A).					
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	N/mm ²			
Vicat softening temperature	EN ISO 306, method VST/B50 in water/as laminated sample	77 +/- 1	°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
gls/gls	< 0,100	1800	--	--	--	--
	0,100 – 0,145	1350	1840	1350	1500	3000
	0,146 – 0,500	1400	2080	1400	1500	3000
mtt/gls	0,150 – 0,195	1300	-	1300	1500	3000
	0,196 – 0,300	1350	-	1350	1500	3000
mtt/smt	0,100 – 0,145	1250	-	1250	1500	3000
	0,146 – 0,195	1300	-	1300	1500	3000
	0,196 – 0,300	1350	-	1350	1500	3000
mtt/mtt	0,150 – 0,195	1300	-	1300	1500	3000
	0,196 – 0,400	1350	-	1350	1500	3000
Cutting/slitting tolerances mm	+/- 0,5			+/- 0,5	+/- 0,5	(-0/+4)