

Resistoplast



Cover Type:	Special rubber	
Possible applications:	Tissue paper converting : embossing rollers Embossing rollers in other industrial areas : PVC, wall paper, plastic film, flexible packaging, non-woven, wood and décor... Textile and non-woven converting : calendering and laminator rollers	
Hardness Range:	45, 50, 55, 60, 65, 70, 75, 80, 85, 90 Shore A 72, 90 Shore D	
Recommended Cover Thickness:	min. 10 mm - max. 20 mm	
Temperature resistance:	Dry:	continuous 125°C / peak 140°C
Properties and advantages:	High resistance to mechanical stress High resilience (fast elastic recovery to the original shape) Superior abrasion resistance Consistent hardness in time Suitable for point-to-point, nested and random embossing technologies Suitable for high machine speed (up to 800 m/min) Faithful and constant pattern reproduction	
Chemical resistance:	Acid solutions:	Very good
	Alkaline solutions:	Good
	Hot water and steam:	Good
	Ozone:	Very good
	Oil and grease:	Good
	Aromatic solvents (toluene, benzene,...):	Not suited
	Chlorinated solvents:	Not suited
	Polar solvents (MEC, ether, acetate,...):	Not suited
	Alcohols (ethanol, IPA,...):	Very good
	Ageing resistance:	Very good
Recommended cleaning products:	(Warm) water, soap, industrial cleaners and detergents, alcohol, (diluted) acid cleaners	
Remark:	Resistoplast-D and Resistoplast-T : multilayer solutions for optimized results in specific, demanding applications	