

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