

Diamantal® HT



Cover Type:	Composite
Possible applications:	Soft Calender, Super Calender, MultiNip Calender in hot environment (surface T° > 120°C)
Hardness Range:	88, 91 Shore D
Recommended Cover Thickness:	max. 15 mm
Temperature resistance:	Dry: continuous 130°C / peak 150°C
Properties and advantages:	Optimum abrasion resistance (limited risk of barring) High impact resistance Optimal dynamic modulus Optimized heat build-up (low energy losses) Optimised temperature resistance
Doctoring:	Continuous oscillating doctoring recommended with steel or carbide blade, 15 to 20 deg, Blade load 30 to 50 N/m
Internal cooling:	Maximum surface Delta T : 10°C on width 50 mm, 30°C between tapers
Max. linear load:	Maximum specific nip pressure : 700 kg/cm ² (70 MPa)
Chemical resistance:	Acid solutions: Excellent Alkaline solutions: Very good Hot water and steam: Excellent Ozone: Excellent Oil and grease: Very good Chlorinated solvents: Good Polar solvents (MEC, ether, acetate,...): Good
Recommended cleaning products:	Good resistance to standard chemicals normally used in paper machines
Remark:	Reference list available on demand