

# Diamantal® HT



<b>Cover Type:</b>	Composite	
<b>Possible applications:</b>	Soft Calender, Super Calender, MultiNip Calender in hot environment (surface T° > 120°C)	
<b>Hardness Range:</b>	88, 91 Shore D	
<b>Recommended Cover Thickness:</b>	max. 15 mm	
<b>Temperature resistance:</b>	Dry:	continuous 130°C / peak 150°C
<b>Properties and advantages:</b>	Optimum abrasion resistance (limited risk of barring) High impact resistance Optimal dynamic modulus Optimized heat build-up (low energy losses) Optimised temperature resistance	
<b>Doctoring:</b>	Continuous oscillating doctoring recommended with steel or carbide blade, 15 to 20 deg, Blade load 30 to 50 N/m	
<b>Internal cooling:</b>	Maximum surface Delta T : 10°C on width 50 mm, 30°C between tapers	
<b>Max. linear load:</b>	Maximum specific nip pressure : 700 kg/cm² (70 MPa)	
<b>Chemical resistance:</b>	Acid solutions: Alkaline solutions: Hot water and steam: Ozone: Oil and grease: Chlorinated solvents: Polar solvents (MEC, ether, acetate,...):	Excellent Very good Excellent Excellent Very good Good Good
<b>Recommended cleaning products:</b>	Good resistance to standard chemicals normally used in paper machines	
<b>Remark:</b>	Reference list available on demand	