

Carburflon NG



Cover Type:	Carbide	
Possible applications:	Dryer cylinder, Can Dryer	
Hardness Range:	1100 Vickers	
Recommended Cover Thickness:	Standard 150 µm	min. 100 µm - max. 1000 µm
Temperature resistance:	Dry:	continuous 350°C / peak 400°C
Properties and advantages:	<ul style="list-style-type: none">- excellent resistance to surface deposit due to optimal surface release properties- long lifetime due to high abrasion resistance- excellent corrosion resistance- good scratch resistance	
Specific characteristics:	Glue repellent/non-stick properties Improved web release properties Bonding strength: > 75 MPa Surface roughness (Ra): min. 2 µm - max. 4 µm	
Doctoring:	- If necessary : composite blade (glass and/or carbon fiber), angle 25-28 deg, pressure 200 (max 300) N/m	
Chemical resistance:	Acid solutions: Alkaline solutions: Hot water and steam: Ozone: Oil and grease: Chlorinated solvents: Polar solvents (MEC, ether, acetate,...):	Good Good Good Good Very good Not suited Not suited
Remark:	- reference list available on demand - good resistance to standard chemicals normally used in paper machines	