



Cover Type:	Carbide	
Possible applications:	<ul style="list-style-type: none"> - Sheet roll in dry environment - Guide roll in dry environment 	
Hardness Range:	900 Vickers	
Recommended Cover Thickness:	Standard 150 µm	max. 1000 µm
Temperature resistance:	Dry:	continuous 900°C / peak 900°C
Properties and advantages:	<ul style="list-style-type: none"> - more performant alternative to hard chromium in dry environment (better resistance to abrasion and surface damages/scratches due to higher hardness) - no fiber picking on the paper sheet - Intermediate grinding(s) possible - High thickness sprayable 	
Specific characteristics:	Bonding strength:	> 75 MPa
	Surface roughness (Ra):	min. 0.05 µm - max. 2.5 µm
Doctoring:	- oscillating composite doctor blade (glass fiber or carbon fiber), angle 20-25 deg, load 150 N/m	
Chemical resistance:	Acid solutions:	Moderate
	Alkaline solutions:	Moderate
	Hot water and steam:	Moderate
	Ozone:	Moderate
	Oil and grease:	Excellent
	Chlorinated solvents:	Good
	Polar solvents (MEC, ether, acetate,...):	Excellent
Recommended cleaning products:	- Good resistance to standard chemicals normally used in paper machines	
Remark:	- Reference list available on demand	