



Cover Type:	Carbide	
Possible applications:	- Hard metallic roll & Thermo roll for Soft, Super & Multinip calenders	
Hardness Range:	1100 Vickers	
Recommended Cover Thickness:	Standard 150 µm	max. 1000 µm
Temperature resistance:	Dry:	continuous 500°C / peak 500°C
Properties and advantages:	<ul style="list-style-type: none"> - Excellent lifetime due to very high abrasion resistance - Intermediate grinding(s) possible - High thickness sprayable - High bonding safety 	
Specific characteristics:	Bonding strength:	> 75 MPa
	Surface roughness (Ra):	min. 0.05 µm - max. 0.2 µm
Doctoring:	- oscillating composite doctor blade (glass fiber or carbon fiber), angle 25 deg, load 250 N/m	
Chemical resistance:	Acid solutions:	Not suited
	Alkaline solutions:	Moderate
	Hot water and steam:	Not suited
	Ozone:	Not suited
	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	