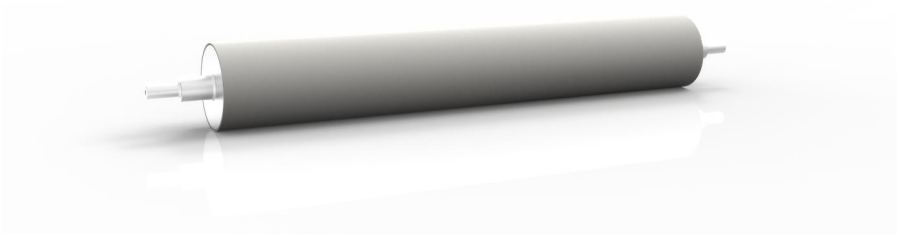
PikoCal



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:	- Excellent lifetime due to very high abrasion resistance - Intermediate grinding(s) possible - High thickness sprayable - High bonding safety	
Specific characteristics:	Bonding strength: Surface roughness (Ra):	> 75 MPa 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: Alkaline solutions: Hot water and steam: Ozone: Oil and grease: Chlorinated solvents: Polar solvents (MEC, ether, acetate,...):	Not suited Moderate Not suited Not suited Excellent Good Excellent
Recommended cleaning products:	- Good resistance to standard chemicals normally used in paper machines	
Remark:	- Reference list available on demand	