



<b>Cover Type:</b>	Carbide	
<b>Possible applications:</b>	- Hard metallic roll & Thermo roll for Soft, Super & Multinip calenders	
<b>Hardness Range:</b>	1100 Vickers	
<b>Recommended Cover Thickness:</b>	Standard 150 µm	max. 1000 µm
<b>Temperature resistance:</b>	Dry:	continuous 500°C / peak 500°C
<b>Properties and advantages:</b>	<ul style="list-style-type: none"> <li>- Excellent lifetime due to very high abrasion resistance</li> <li>- Intermediate grinding(s) possible</li> <li>- High thickness sprayable</li> <li>- High bonding safety</li> </ul>	
<b>Specific characteristics:</b>	Bonding strength:	> 75 MPa
	Surface roughness (Ra):	min. 0.05 µm - max. 0.2 µm
<b>Doctoring:</b>	- oscillating composite doctor blade (glass fiber or carbon fiber), angle 25 deg, load 250 N/m	
<b>Chemical resistance:</b>	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
<b>Recommended cleaning products:</b>	- Good resistance to standard chemicals normally used in paper machines	
<b>Remark:</b>	- Reference list available on demand	