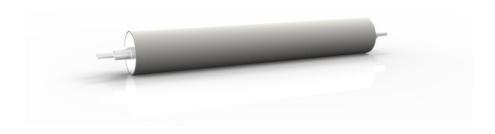
## **Carburflon NG**



| 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> <li>excellent resistance to surface deposit due to optimal surface release properties</li> <li>long lifetime due to high abrasion resistance</li> <li>excellent corrosion resistance</li> <li>good scratch resistance</li> </ul> |   |
| Specific characteristics:    | Glue repellent/non-stick properties<br>Improved web release properties<br>Bonding strength:<br>Surface roughness (Ra):  | > 75 MPa<br>min. 2 μm - max. 4 μm                       |
| Doctoring:                   | - If necessary : composite blade (glass and/or carbon fiber), angle 25-28 deg, pression 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<br>Good<br>Good<br>Good<br>Very good<br>Not suited |
| Remark:                      | - reference list available on demand - g<br>normally used in paper machines   | good resistance to standard chemicals                   |

