



<b>Cover Type:</b>	Special polyurethane	
<b>Possible applications:</b>	Plain Press roll in contact with Felt or Paper (smoothing press, size press, calender)	
<b>Hardness Range:</b>	5, 10, 15, 20, 25, 30, 35 PJ	
<b>Recommended Cover Thickness:</b>	max. 20 mm	
<b>Temperature resistance:</b>	Dry:	continuous 80°C / peak 110°C
<b>Properties and advantages:</b>	Long lifetime due to excellent wear resistance without hydrolysis High vibration absorption Optimized bonding system Hardness & profile stability in operation Limited energy losses due to very low heat buildup Tailor made surface design for dewatering optimization	
<b>Doctoring:</b>	HDPE blade at 1 to 2 mm from surface or 18 deg & 50 to 70 N/m if loaded, HDPE foil blade 10 deg, 50 to 70 N/m Dry doctoring is prohibited	
<b>Internal cooling:</b>	if needed : recommended inlet T° of the inner cooling water : 30 to 45 °C, water flow to be adjusted in order to respect 5°C < Delta T (out-in) < 10°C	
<b>Possible surface design:</b>	S (Suction), BD (Blind Drilled), G (Grooved) & combined SBD, SG, SBDG, BDG	
<b>Chemical resistance:</b>	Acid solutions: Alkaline solutions: Hot water and steam: Ozone: Oil and grease: Chlorinated solvents: Polar solvents (MEC, ether, acetate,...):	Moderate Moderate Very good Very good Good Not suited Not suited
<b>Recommended cleaning products:</b>	- Good resistance to standard chemicals normally used in paper machines	
<b>Remark:</b>	- Reference list available on demand	