



Cover Type:	Special polyurethane	
Possible applications:	Plain Press roll in contact with Felt or Paper (smoothing press, size press, calender)	
Hardness Range:	5, 10, 15, 20, 25, 30, 35 PJ	
Recommended Cover Thickness:	max. 20 mm	
Temperature resistance:	Dry:	continuous 80°C / peak 110°C
Properties and advantages:	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	
Doctoring:	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	
Internal cooling:	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	
Possible surface design:	S (Suction), BD (Blind Drilled), G (Grooved) & combined SBD, SG, SBDG, BDG	
Chemical resistance:	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
Recommended cleaning products:	- Good resistance to standard chemicals normally used in paper machines	
Remark:	- Reference list available on demand	