



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	
Available Colours:	lilac	
Recommended Cover Thickness:	max. 20 mm	
Temperature resistance:	Dry:	continuous 80°C / peak 110°C
Properties and advantages:	<ul style="list-style-type: none"> - Optimal dewatering due to very strong mechanical properties leading to highest operative void volume under pressure in the nip - Longest dewatering stability due to highest Nip & Peak Pressure stability - Long lifetime due to excellent abrasion resistance without hydrolysis - Shortest drainage time due to tailor made surface design (Surface Manager) - Very limited energy losses (driving and pressing) due to very low heat buildup - Longest nip pressing stability in operation due to the fact that the cover has no hardening & no ageing - Excellent runnability due to high vibration absorption behaviour - Less risk of open area contamination due to surface self cleaning properties - Long resistance vs stress due to high performance bonding system 	
Doctoring:	<ul style="list-style-type: none"> - 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:	Moderate
	Alkaline solutions:	Moderate
	Hot water and steam:	Very good
	Ozone:	Very good
	Oil and grease:	Good
	Chlorinated solvents:	Not suited
	Polar solvents (MEC, ether, acetate,...):	Not suited
Recommended cleaning products:	- Good resistance to standard chemicals normally used in paper machines	
Remark:	- Reference list available on demand	

