NeoFlex SBD

Cover Type:	Special polyurethane
Possible applications:	Suction Blind Drilled Press Roll
Hardness Range:	5, 10, 15, 20, 25, 30, 35 PJ
Recommended Cover Thickness:	max. 25 mm
Temperature resistance:	Dry: continuous 80°C / peak 110°C
Properties and advantages:	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:	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