

NeoFlex T SBD



Cover Type:	Special polyurethane	
Possible applications:	Suction Blind Drilled Pressure Roll for Tissue Machines	
Hardness Range:	15, 20, 25, 30, 35 PJ	
Available Colours:	lilac	
Recommended Cover Thickness:	Standard 20 mm	max. 25 mm
Temperature resistance:	Dry:	continuous 80°C / peak 110°C
Properties and advantages:	<p>Optimal dewatering due to very strong mechanical properties leading to highest operative void volume under pressure in the nip</p> <p>Longest dewatering stability due to highest Nip & Peak Pressure stability</p> <p>Long lifetime due to excellent abrasion resistance without hydrolysis</p> <p>Shortest drainage time due to tailor made surface design (Surface Manager)</p> <p>Very limited energy losses (driving and pressing) due to very low heat buildup</p> <p>Longest nip pressing stability in operation due to the fact that the cover has no hardening & no ageing</p> <p>Excellent runnability due to high vibration absorption behaviour</p> <p>Less risk of open area contamination due to surface self cleaning properties</p> <p>Long resistance vs stress due to high performance bonding system</p>	
Doctoring:	<p>HDPE blade at 1 to 2 mm from surface or 18 deg & 50 to 70 N/m if loaded,</p> <p>HDPE foil blade 10 deg, 50 to 70 N/m</p> <p>Dry doctoring is prohibited</p>	
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:	<p>Acid solutions:</p> <p>Alkaline solutions:</p> <p>Hot water and steam:</p> <p>Ozone:</p> <p>Oil and grease:</p> <p>Chlorinated solvents:</p> <p>Polar solvents (MEC, ether, acetate,...):</p>	<p>Moderate</p> <p>Moderate</p> <p>Very good</p> <p>Very good</p> <p>Good</p> <p>Not suited</p> <p>Not suited</p>
Recommended cleaning products:	- Good resistance to standard chemicals normally used in paper machines	
Remark:	- Reference list available on demand	