

# NeoFlex T SBD



<b>Cover Type:</b>	Special polyurethane	
<b>Possible applications:</b>	Suction Blind Drilled Pressure Roll for Tissue Machines	
<b>Hardness Range:</b>	15, 20, 25, 30, 35 PJ	
<b>Available Colours:</b>	lilac	
<b>Recommended Cover Thickness:</b>	Standard 20 mm	max. 25 mm
<b>Temperature resistance:</b>	Dry:	continuous 80°C / peak 110°C
<b>Properties and advantages:</b>	<ul style="list-style-type: none"><li>- Optimal dewatering due to very strong mechanical properties leading to highest operative void volume under pressure in the nip</li><li>- Longest dewatering stability due to highest Nip &amp; Peak Pressure stability</li><li>- Long lifetime due to excellent abrasion resistance without hydrolysis</li><li>- Shortest drainage time due to tailor made surface design (Surface Manager)</li><li>- Very limited energy losses (driving and pressing) due to very low heat buildup</li><li>- Longest nip pressing stability in operation due to the fact that the cover has no hardening &amp; no ageing</li><li>- Excellent runnability at high speed due to high vibration absorption behaviour</li><li>- Less risk of open area contamination due to surface self cleaning properties</li><li>- Long resistance vs stress due to high performance bonding system</li></ul>	
<b>Doctoring:</b>	<ul style="list-style-type: none"><li>- HDPE blade at 1 to 2 mm from surface or 18 deg &amp; 50 to 70 N/m if loaded, HDPE foil blade 10 deg, 50 to 70 N/m</li><li>- Dry doctoring is prohibited</li></ul>	
<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	