

NeoFlex SBD



Cover Type:	Special polyurethane														
Possible applications:	Suction Blind Drilled Press Roll														
Hardness Range:	5, 10, 15, 20, 25, 30, 35 PJ														
Available Colours:	lilac														
Recommended Cover Thickness:	max. 25 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 nipLongest dewatering stability due to highest Nip & Peak Pressure stabilityLong lifetime due to excellent abrasion resistance without hydrolysisShortest drainage time due to tailor made surface design (Surface Manager)Very limited energy losses (driving and pressing) due to very low heat buildupLongest nip pressing stability in operation due to the fact that the cover has no hardening & no ageingExcellent runnability due to high vibration absorption behaviourLess risk of open area contamination due to surface self cleaning propertiesLong 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:	<table><tr><td>Acid solutions:</td><td>Moderate</td></tr><tr><td>Alkaline solutions:</td><td>Moderate</td></tr><tr><td>Hot water and steam:</td><td>Very good</td></tr><tr><td>Ozone:</td><td>Very good</td></tr><tr><td>Oil and grease:</td><td>Good</td></tr><tr><td>Chlorinated solvents:</td><td>Not suited</td></tr><tr><td>Polar solvents (MEC, ether, acetate,...):</td><td>Not suited</td></tr></table>	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
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Recommended cleaning products:	- Good resistance to standard chemicals normally used in paper machines														
Remark:	- Reference list available on demand														