

Tissustar BD



Cover Type:	Special rubber	
Possible applications:	Blind Drilled pressure roll for Tissue Machines	
Hardness Range:	20, 25, 30, 35, 40, 45, 65 PJ	
Available Colours:	black	
Recommended Cover Thickness:	Standard 20 mm	max. 25 mm
Temperature resistance:	Dry:	continuous 90°C / peak 120°C
Properties and advantages:	Conformation to the Yankee surface Hardness stability Wear resistance Void volume stability under compression in the nip Low heat build up and fast dissipation of calories	
Doctoring:	HDPE blades (angle 18 ± 2 deg / load 50 to 100 N/m) HDPE foil blade (angle 8 ± 1 deg / load 50 to 100 N/m)	
Internal cooling:	Recommended inlet T° of the cooling water : 30 and 45°C Adjust water flow unit! $5^{\circ}\text{C} < \Delta T \text{ outlet-inlet} < 10^{\circ}\text{C}$	
Possible surface design:	P (plain), BD (blind drilled) , G (grooved)	
Chemical resistance:	Acid solutions:	Good
	Alkaline solutions:	Good
	Hot water and steam:	Good
	Ozone:	Good
	Oil and grease:	Excellent
	Chlorinated solvents:	Not suited
	Polar solvents (MEC, ether, acetate,...):	Not suited
Remark:	- reference list available on demand - good resistance to standard chemicals normally used in paper machines	