

Tissustar BD



Cover Type:	Special rubber
Possible applications:	Blind Drilled pressure roll for Tissue Machines
Hardness Range:	20, 25, 30, 35, 45, 65 PJ
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 until $5^\circ\text{C} < \Delta T \text{ outlet-inlet} < 10^\circ\text{C}$
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