

# Tissustar BD



<b>Cover Type:</b>	Special rubber	
<b>Possible applications:</b>	Blind Drilled pressure roll for Tissue Machines	
<b>Hardness Range:</b>	20, 25, 30, 35, 40, 45, 65 PJ	
<b>Available Colours:</b>	black	
<b>Recommended Cover Thickness:</b>	Standard 20 mm	max. 25 mm
<b>Temperature resistance:</b>	Dry:	continuous 90°C / peak 120°C
<b>Properties and advantages:</b>	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	
<b>Doctoring:</b>	HDPE blades (angle $18 \pm 2$ deg / load 50 to 100 N/m) HDPE foil blade (angle $8 \pm 1$ deg / load 50 to 100 N/m)	
<b>Internal cooling:</b>	Recommended inlet T° of the cooling water : 30 and 45°C Adjust water flow unit! $5^\circ\text{C} < \Delta T$ outlet-inlet $< 10^\circ\text{C}$	
<b>Possible surface design:</b>	P (plain), BD (blind drilled) , G (grooved)	
<b>Chemical resistance:</b>	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
<b>Remark:</b>	- reference list available on demand - good resistance to standard chemicals normally used in paper machines	