

Tissustar S



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| Cover Type: | Special rubber | |
| Possible applications: | Suction Pressure Rolls in 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: | S (suction), SBD (S+blind drilled), SG (S+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 | |