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| Cover Type: | Silicone rubber | |
| Possible applications: | <p>Production of technical plastic film, hygiene products and flexible packaging : extrusion, glue and laminator backing rollers at high temperature</p> <p>Production and conversion of PVC and soft plastics : impregnation pressure rollers, calender, laminator and embossing backing rollers</p> <p>Hot-melt lamination of wood and board panels</p> <p>Laminator back-up rollers with non-stick requirements</p> <p>Steel and aluminium décor products : pressure rollers for laminating plastic and PVC film</p> <p>Different applications at high temperature and/or with non-stick requirements</p> | |
| Hardness Range: | 60, 70, 80 Shore A | |
| Recommended Cover Thickness: | min. 10 mm - max. 20 mm | |
| Temperature resistance: | Dry: | continuous 230°C / peak 260°C |
| | Wet: | continuous 80°C / peak 90°C |
| Properties and advantages: | <p>Specifically resistant to high temperature environments</p> <p>Remarkable glue-repelling and non-stick properties, specifically in contact with hot glue, hot-melt and extruded plastic film</p> <p>Improved nip-stability under high load, compared to other silicone covers</p> <p>Very good resistant to most plasticizers used to produce PVC and soft plastics</p> <p>Electrical insulator</p> | |
| Specific characteristics: | Glue repellent/non-stick properties | |
| Chemical resistance: | Acid solutions: | Moderate |
| | Alkaline solutions: | Good |
| | Hot water and steam: | Very good |
| | Ozone: | Excellent |
| | Oil and grease: | Good |
| | Aromatic solvents (toluene, benzene,...): | Not suited |
| | Chlorinated solvents: | Not suited |
| | Polar solvents (MEC, ether, acetate,...): | Moderate |
| | Alcohols (ethanol, IPA,...): | Very good |

Recommended cleaning products: (Hot) water, steam, soap and detergents, industrial cleaners, alcohol based cleaners

Remark: Max. temperature in contact with plasticizers (PVC and soft plastics) :
- continuous : 120 °C
- limited use : 150 °C
