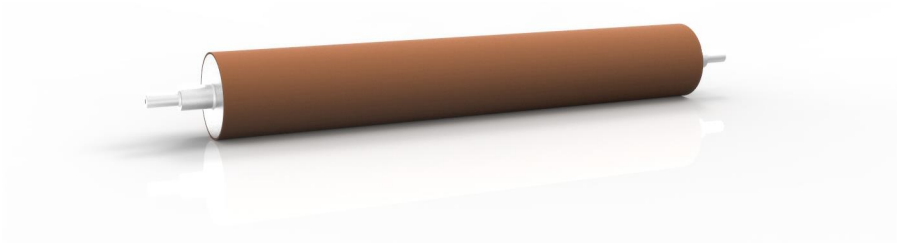
# Kaltryl



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| **Cover Type:** | Polyurethane |
| **Possible applications:** | Rollers and wheels suffering from (very) high load or traction, also at high process speed<br><br>Tension, bridle, steering, stretching, cradle and snubber rolls for the steel and aluminium industry - specifically suited for the production of aluminium coils (kerosene resistance)<br><br>Counterparts for cutting, pricking, embossing, stretching and laminating in various industries<br><br>Heavy load wheels and pulleys<br><br>Technical components submitted to high load |
| **Hardness Range:** | 70, 80, 90, 95 Shore A |
| **Recommended Cover Thickness:** | min. 10 mm - max. 30 mm |
| **Temperature resistance:** | Dry: continuous 80°C / peak 90°C<br>Wet: continuous 40°C / peak 50°C |
| **Properties and advantages:** | Very high load resistance, very good dynamical properties with low heat build-up<br><br>Remarkable abrasion, cut and tear resistance<br><br>Excellent resistance to mineral, synthetic and vegetal oil - good resistance against non-polar solvents - excellent resistance to kerosene and fuel |
| **Chemical resistance:** | Acid solutions: Not suited<br>Alkaline solutions: Not suited<br>Hot water and steam: Not suited<br>Ozone: Good<br>Oil and grease: Excellent<br>Aromatic solvents (toluene, benzene,...): Moderate<br>Chlorinated solvents: Not suited<br>Polar solvents (MEC, ether, acetate,...): Not suited |
| **Recommended cleaning products:** | Water, soap & detergents, fuel, Solvesso, turpentine – with moderation: alcohol based cleaners |