



Cover Type:	Special polyurethane																
Possible applications:	<p>Metals industry : applicator rollers for colour coating, varnishing, lacquering and chemical coating Specifically suited for chemical coating, pre-treatment and passivation products (up to max. 40 °C) - Suited for high speed coating machines</p> <p>Metal packaging industry : applicator rollers, wheels and sleeves for varnishing and coating (sheet and can coating)</p> <p>Wood industry : coating and varnishing - coating on structured surface (15 shore A)</p> <p>Silicone, primer and glue application on release, label and adhesive stock (rollers and sleeves)</p> <p>Can be applied in other roll coating applications (wood, flexible packaging, plastic film, aluminium foil, PVC, flooring etc.)</p>																
Hardness Range:	15, 30, 40, 45, 50, 55, 60, 65, 70 Shore A																
Available Colours:	green, blue, white, yellow, translucent, orange, pistachio green																
Recommended Cover Thickness:	min. 15 mm - max. 30 mm																
Temperature resistance:	Dry: continuous 50°C / peak 80°C Wet: continuous 30°C / peak 40°C																
Properties and advantages:	<p>Good surface wetting properties, also for water based products</p> <p>High purity and homogeneity</p> <p>Suitable for use in solvent environment (see specific recommendations)</p> <p>Good resistance to abrasion and tear</p> <p>Easy to grind and to groove</p>																
Chemical resistance:	<table><tr><td>Acid solutions:</td><td>Moderate</td></tr><tr><td>Alkaline solutions:</td><td>Moderate</td></tr><tr><td>Hot water and steam:</td><td>Not suited</td></tr><tr><td>Ozone:</td><td>Good</td></tr><tr><td>Oil and grease:</td><td>Excellent</td></tr><tr><td>Aromatic solvents (toluene, benzene,...):</td><td>Moderate</td></tr><tr><td>Chlorinated solvents:</td><td>Not suited</td></tr><tr><td>Polar solvents (MEC, ether, acetate,...):</td><td>Moderate</td></tr></table>	Acid solutions:	Moderate	Alkaline solutions:	Moderate	Hot water and steam:	Not suited	Ozone:	Good	Oil and grease:	Excellent	Aromatic solvents (toluene, benzene,...):	Moderate	Chlorinated solvents:	Not suited	Polar solvents (MEC, ether, acetate,...):	Moderate
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Monkal®-5

Recommended cleaning products: water, soap & detergents, fuel, Solvesso, turpentine – with moderation: alcohol based cleaners, MEC

Remark: For the correct use of Monkal-5 coated rollers and wheels, we kindly refer to the Monkal Quick Start Manual
