

# Monkal<sup>®</sup>-5



<b>Cover Type:</b>	Special polyurethane	
<b>Possible applications:</b>	<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>	
<b>Hardness Range:</b>	15, 30, 40, 45, 50, 55, 60, 65, 70 Shore A	
<b>Recommended Cover Thickness:</b>	min. 15 mm - max. 30 mm	
<b>Temperature resistance:</b>	Dry:	continuous 50°C / peak 80°C
	Wet:	continuous 30°C / peak 40°C
<b>Properties and advantages:</b>	<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>	
<b>Chemical resistance:</b>	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
	Alcohols (ethanol, IPA,...):	Good
<b>Recommended cleaning products:</b>	water, soap & detergents, fuel, Solvesso, turpentine – with moderation: alcohol	

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based cleaners, MEC

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**Remark:**

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

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