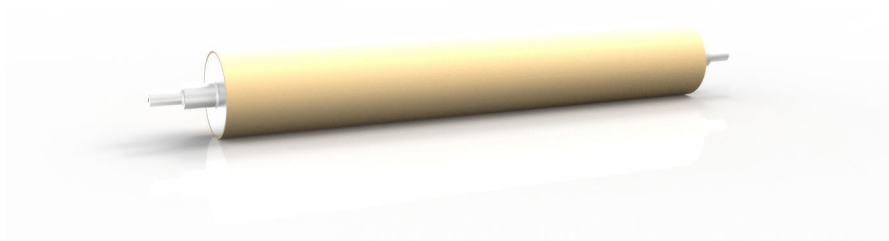


# Monkal<sup>®</sup>-4



<b>Cover Type:</b>	Special polyurethane	
<b>Possible applications:</b>	<p>Metals industry : applicator rollers for colour coating, lacquering, printing and chemical coating Specifically suited for coatings with critical aspect (metallic coating, clear coat, low coating thickness etc.)</p> <p>Metal packaging : coating on sheet, beverage cans and spray cans - suited for BPA-free food lacquering</p> <p>Coating on paper, plastic film and aluminium foil : silicone coating, primer coating, varnish, protective coating...</p> <p>Coating on wood and wood panels : bonding layers, catalyser or activator, varnish and clear coating, white coating, staining...</p> <p>Silicone, primer and glue coating for the production of release, label and adhesive stock</p> <p>Other roll-coating applications (PVC, textile, non-woven...)</p>	
<b>Hardness Range:</b>	40, 45, 50, 52, 55, 60, 65 Shore A	
<b>Available Colours:</b>	beige, green, blue, yellow	
<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>Outstanding surface wetting properties, also for water based products - high surface energy</p> <p>High purity and homogeneity</p> <p>Suitable for use in solvent environment (see specific recommendations) - Thanks to the special filler technology, Monkal-4 shows better stability in contact with solvents than other polyurethane covers</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

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Oil and grease:	Very good
Aromatic solvents (toluene, benzene,...):	Moderate
Chlorinated solvents:	Not suited
Polar solvents (MEC, ether, acetate,...):	Moderate
Alcohols (ethanol, IPA,...):	Good

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

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**Remark:** For the correct use of Monkal-4 coated rollers and wheels, we kindly refer to the Monkal Quick Start Manual

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