

# Monkal<sup>®</sup>-5 HP



<b>Cover Type:</b>	Special polyurethane
<b>Possible applications:</b>	Metals industry : applicator rollers for colour coating and chemical coating Metal packaging : applicator rollers for sheet coating - improved stability of the grooves and for long runs  Specifically suited for long coating runs or coating runs with format changes without changing the applicator roller Specifically suited for high-speed coating (e.g. varnishing on aluminium strip for packaging, combined galva+coating...)  Other coating applications as with Monkal-5, aiming lifetime improvement
<b>Hardness Range:</b>	55 Shore A
<b>Recommended Cover Thickness:</b>	min. 15 mm - max. 25 mm
<b>Temperature resistance:</b>	Dry: continuous 50°C / peak 80°C Wet: continuous 30°C / peak 40°C
<b>Properties and advantages:</b>	Very good surface wetting properties  High purity and homogeneity  Suitable for use in solvent environment (see specific recommendations)  Improved resistance to abrasion and tear, compared to Monkal-4, Monkal-5 and competitor polyurethane covers
<b>Chemical resistance:</b>	Acid solutions: Moderate Alkaline solutions: Moderate Hot water and steam: Not suited Ozone: Good Oil and grease: Very good Aromatic solvents (toluene, benzene,...): Moderate Chlorinated solvents: Not suited Polar solvents (MEC, ether, acetate,...): Moderate
<b>Recommended cleaning products:</b>	water, soap & detergents, fuel, Solvesso, turpentine – with moderation: alcohol based cleaners, MEC
<b>Remark:</b>	Other colours can be obtained upon specific request  For the correct use of Monkal-5 HP coated rollers and wheels, we kindly refer to the Monkal Quick Start Manual