

Monkal[®]-5 HP



Cover Type:	Special polyurethane	
Possible applications:	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	
Hardness Range:	55 Shore A	
Available Colours:	blue	
Recommended Cover Thickness:	min. 15 mm - max. 25 mm	
Temperature resistance:	Dry: Wet:	continuous 50°C / peak 80°C continuous 30°C / peak 40°C
Properties and advantages:	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	
Chemical resistance:	Acid solutions: Alkaline solutions: Hot water and steam: Ozone: Oil and grease: Aromatic solvents (toluene, benzene,...): Chlorinated solvents: Polar solvents (MEC, ether, acetate,...):	Moderate Moderate Not suited Good Very good Moderate Not suited Moderate
Recommended cleaning products:	water, soap & detergents, fuel, Solvesso, turpentine – with moderation: alcohol based cleaners, MEC	
Remark:	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	

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