

HanneFood-XP



Cover Type:	Special polyurethane	
Possible applications:	Rollers for direct or indirect contact with food, sieve press and transport rolls for the food industry Rollers in converting industries, where food grade and/or sanitary properties are required	
Hardness Range:	60, 70, 80, 90 Shore A	
Recommended Cover Thickness:	min. 10 mm - max. 20 mm	
Temperature resistance:	Dry:	continuous 70°C / peak 90°C
	Wet:	continuous 50°C / peak 60°C
Properties and advantages:	Suited for food contact – see details below High purity and homogeneity Excellent resistant to mineral oils, to greasy substances, to vegetal oils and animal fats Good resistance to most cleaning products Very good physical properties, tear and abrasion resistance	
Specific characteristics:	Food approved	
Chemical resistance:	Acid solutions:	Moderate
	Alkaline solutions:	Good
	Hot water and steam:	Moderate
	Ozone:	Good
	Oil and grease:	Very good
	Aromatic solvents (toluene, benzene,...):	Moderate
	Chlorinated solvents:	Not suited
	Polar solvents (MEC, ether, acetate,...):	Not suited
	Alcohols (ethanol, IPA,...):	Good
Recommended cleaning products:	(Tepid) water, soap, industrial cleaners, IPA, with limited use : other alcohol-based cleaners	
Remark:	Food grade compliant to : Food grade compliant to : - FDA CFR 21 part 177-2600 (Test reports lanesco n°RE-13/14968 – 14969 – 14970 – 14971) - EU regulation 10/2011 concerning the overall migration (Test report lanesco n° 16/10609 - migration in 10% ethanol (simulant A) - 2h/70°C, in 3% acetic acid	

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(simulant B) - 2h/70°C and in vegetable oil (simulant D2) - 2h/70°C
- EU regulation 10/2011 concerning the content of 4,4' diphenyl methane diisocyanate (Test report Ianesco n° 16/10577-2)
