

GelForm-HP



Cover Type:	Silicone rubber	
Possible applications:	Production, impregnation, gelifying, calendaring and embossing of PVC (floor covering, wall paper, artificial leather, foil, liner, décor products etc.) Gelifying counterparts, roll coating applicator or counterpart, calender rolls, embosser rolls Counterparts for laminating	
Hardness Range:	70 Shore A	
Recommended Cover Thickness:	min. 15 mm - max. 25 mm	
Temperature resistance:	Dry:	continuous 230°C / peak 250°C
Properties and advantages:	Good resistance to plasticizers used to make and transform PVC and soft plastics - improved resistance to oily plasticizers like DOTP over other silicone solutions Resistant to high temperature environments Very good non-stick properties, excellent release of the PVC, easy to clean Improved abrasion resistance and lifetime, compared to other silicone solutions used in the production and transformation of PVC and soft plastics	
Specific characteristics:	Glue repellent/non-stick properties	
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 Good Very good Excellent Moderate Not suited Not suited Moderate
Recommended cleaning products:	(Hot) water, steam, soap and detergents, industrial cleaners, alcohol based cleaners	
Remark:	Max. temperature in contact with plasticizers (PVC and soft plastics) : - continuous : 120 °C - limited use : 150 °C	