

# GelForm-HP



<b>Cover Type:</b>	Silicone rubber	
<b>Possible applications:</b>	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	
<b>Hardness Range:</b>	70 Shore A	
<b>Available Colours:</b>	red	
<b>Recommended Cover Thickness:</b>	min. 15 mm - max. 25 mm	
<b>Temperature resistance:</b>	Dry:	continuous 230°C / peak 250°C
<b>Properties and advantages:</b>	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	
<b>Specific characteristics:</b>	Glue repellent/non-stick properties	
<b>Chemical resistance:</b>	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
<b>Recommended cleaning products:</b>	(Hot) water, steam, soap and detergents, industrial cleaners, alcohol based cleaners	
<b>Remark:</b>	Max. temperature in contact with plasticizers (PVC and soft plastics) : - continuous : 120 °C - limited use : 150 °C	

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