



<b>Cover Type:</b>	Silicone rubber	
<b>Possible applications:</b>	<p>Production of technical plastic film, hygiene products and flexible packaging : extrusion, glue and laminator backing rollers at high temperature</p> <p>Production and conversion of PVC and soft plastics : impregnation pressure rollers, calender, laminator and embossing backing rollers</p> <p>Hot-melt lamination of wood and board panels</p> <p>Laminator back-up rollers with non-stick requirements</p> <p>Steel and aluminium décor products : pressure rollers for laminating plastic and PVC film</p> <p>Different applications at high temperature and/or with non-stick requirements</p>	
<b>Hardness Range:</b>	60, 70, 80 Shore A	
<b>Available Colours:</b>	red	
<b>Recommended Cover Thickness:</b>	min. 10 mm - max. 20 mm	
<b>Temperature resistance:</b>	Dry:	continuous 230°C / peak 260°C
	Wet:	continuous 80°C / peak 90°C
<b>Properties and advantages:</b>	<p>Specifically resistant to high temperature environments</p> <p>Remarkable glue-repelling and non-stick properties, specifically in contact with hot glue, hot-melt and extruded plastic film</p> <p>Improved nip-stability under high load, compared to other silicone covers</p> <p>Very good resistant to most plasticizers used to produce PVC and soft plastics</p> <p>Electrical insulator</p>	
<b>Specific characteristics:</b>	Glue repellent/non-stick properties	
<b>Chemical resistance:</b>	Acid solutions:	Moderate
	Alkaline solutions:	Good
	Hot water and steam:	Very good
	Ozone:	Excellent
	Oil and grease:	Good
	Aromatic solvents (toluene, benzene,...):	Not suited
	Chlorinated solvents:	Not suited
	Polar solvents (MEC, ether, acetate,...):	Moderate

Alcohols (ethanol, IPA,...):

Very good

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**Recommended cleaning products:**

(Hot) water, steam, soap and detergents, industrial cleaners, alcohol based cleaners

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**Remark:**

Max. temperature in contact with plasticizers (PVC and soft plastics) :  
- continuous : 120 °C  
- limited use : 150 °C

In accordance with Article 33 of Regulation (EC) No 1907/2006 (REACH), roll coverings as well as products manufactured from HanneSil contain substances listed as SVHC, namely the polysiloxanes D5 (decamethylcyclopentasiloxane) and D6 (dodecamethylcyclohexasiloxane), at a concentration exceeding 0.1% (w/w).

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