

# NipFoil-HP



<b>Cover Type:</b>	Special rubber
<b>Possible applications:</b>	Conversion of flexible products : nip rollers, counterparts, steering rollers at high temperature and load  Production of (bi-oriented) plastic film : MDO nip rollers, stretching and orienter rollers  Production of flexible packaging, plastic film and adhesives : laminator rollers, specifically under high load and/or temperature  Metal sheet and metal foil production : furnace entry/exit rollers, ironing rollers, sealing rollers for vacuum environment
<b>Hardness Range:</b>	55, 65, 70, 80, 92 Shore A
<b>Recommended Cover Thickness:</b>	min. 10 mm - max. 20 mm
<b>Temperature resistance:</b>	Dry: continuous 140°C / peak 160°C Wet: continuous 80°C / peak 90°C
<b>Properties and advantages:</b>	Excellent stability under high load and elevated temperature  Very good abrasion and tear resistance  Good response to dynamic load and heat build-up, even at high temperature  Excellent resistance to oil and grease - Limited resistance to polar solvents, like MEC, acetates and ether
<b>Chemical resistance:</b>	Acid solutions: Moderate Alkaline solutions: Good Hot water and steam: Good Ozone: Very good Oil and grease: Excellent Aromatic solvents (toluene, benzene,...): Moderate Chlorinated solvents: Not suited Polar solvents (MEC, ether, acetate,...): Not suited Alcohols (ethanol, IPA,...): Very good
<b>Recommended cleaning products:</b>	(Hot) water, soap, most industrial cleaners, alcohol, light fuel, turpentine, white spirit