Coatings for use at higher contact temperatures



Properties			
Colour	orange		
Standard thickness [mm]	3	5	6
Min. pulley diameter [mm]	60	60	60
Material / Hardness	Nitrile-based vulcanised material, approx. 55 Shore A		
Tolerances	tolerance for total thickness (timing belt + coating) -1/+1,8 mm (grinded ±0,2 mm possible)		
Temperature resistance	-20°C to +110°C		
Chemical resistance	resistant to oils, greases and other chemi- cals; water resistant		
Processing	contours can be grinded and milled and surface grinded		



Properties		
Colour	black	
Standard thickness [mm]	2	
Min. pulley diameter [mm]	120	
Material / Hardness	polyester fleece	
Tolerances	tolerance for total thickness (timing belt + coating) ±0,5 mm	
Temperature resistance	-10°C to +120°C	
Chemical resistance	against simple oils and greases; electro static properties	
Processing		
Areas of use	glass industry, as a conveyor belt in the warm area	



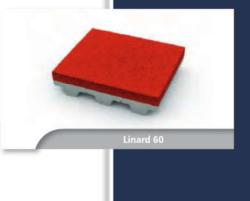
Properties		
Colour	bl	ack
Standard thickness [mm]	2	4
Min. pulley diameter [mm]	80	100
Material / Hardness	synthetic fluoroelastomer, approx. 70-80 Shore A	
Tolerances	tolerance for total thickness (timing belt + coating) ±0,6 mm (grinded ±0,2 mm possible)	
Temperature resistance	-10°C to +190°C (up to 275°C for short periods)	
Chemical resistance	very good resistance to oils, greases, hydrocarbons, acids; impermeable to gas and water vapour	
Processing	contours can be grinded and milled to some extent and surface grinded.	
Potential applications	transportation of sensitive pars, card- board packaging, transportation of glass and metal parts	

Coatings for use at higher contact temperatures

Properties		
Colour	grey	
Standard thickness [mm]	2	3
Min. pulley diameter [mm]	100	120
Material / Hardness	leather tanned with chromium salts	
Tolerances	tolerance for total thickness (timing be + coating) ±0,7 mm	
Temperature resistance	-10°C to +120°C	
Chemical resistance	resistant to oils and greases; weather resistant	
Potential applications	transportation of oil and grease soaked parts, transportation of sheet metal and pipes	



Properties			
Colour	red		
Standard thickness [mm]	3	5	6
Min. pulley diameter [mm]	60	60	60
Material / Hardness	silica-reinforced natural rubber, approx. 60 Shore A		
Tolerances	tolerance for total thickness (timing belt + coating) -1/+1,8 mm (grinded ±0,2 mm possible)		
Temperature resistance	-20°C to +110°C		
Chemical resistance	resistant to simple oils and greases; very high rebound elasticity		
Processing	contours can be grinded and milled and surface grinded		



Coatings with electrically conductive properties

Properties		
Colour	black	
Standard thickness [mm]	0,6	
Min. pulley diameter [mm]	20	
Material / Hardness	approx. 0,5 mm PU 385, top layer 0,1 mm antistatic fabric	
Tolerances	tolerance for total thickness (timing be + coating) ±0,4 mm	
Conductance	10 ^s ohm when new	
Potential applications	accumulation conveyors for electrical components	

