Technical datasheet

Teflon EC 10/5 01+01 (NI) white FG CR HR



Article code: LWTE560092

Industry segment Building materialis: Insulation Main product feature Cold resistant, Heat resistant, Foodgrade Indication of use Slider bed, Rollers Bett construction Slider bed, Rollers Tension layer polyester/cotton, flexible Number of plies 5 Top side material finish smooth color white bottom side material finish smooth color white bottom side material finish smooth color black Color glack <th>General information</th> <th></th> <th></th> <th></th> <th></th>	General information					
Main product feature Indication of useCold resistant, Heat resistant, FoodgradeIndication of useSilder bed, RollersBelt constructionTension layerpolyester/cotton, HexibleNumber of plies5Top sidematerialfinishsmoothcolorwhitecolorwhiteinishsmoothcolorblackfinishsmoothcolorblacktop defendenceFDAblack <t< th=""><th>Product group</th><th colspan="4">Light Weight Rubber</th></t<>	Product group	Light Weight Rubber				
Indication of use silder bed, Rollers Beit construction Tension layer so polyester/cotton, flexible Top side material 76f0n, TE finish smooth color white Bottom side material Nitrile, polyester/cotton finish smooth color black Bottom side so to	Industry segment	Building materials: Insulation				
Belt construction Tension layer Number of plies Top side material color material mat	Main product feature	Cold resistant, Heat resistant, Foodgrade				
Tension layer polyester/cotton, liskible Number of plies 5 Top side material Gelfon, TE finish smooth color white Bottom side material Nitrile, polyester/cotton finish smooth Ender polyester/cotton finish smooth color white Ender polyester/cotton Food Grade (FG) yes polyester Food Grade (FG) yes polyester Fore at 1% elongation ISO 201181 Iso store Fore at 1% elongation Iso 21181 letCover 0.1 m 0 i. Weight AB method KV.004 Iso 200 0.1 im 0 i. Weight AB method KV.004 Iso 0.1 i. 0.1 i. 0.1 i. Minimum pulley diameter fixing from / to i.1 i 0.1 i 0.1 i	Indication of use	Slider bed, Rollers	Slider bed, Rollers			
Tension layer polyester/cotton, liskible Number of plies 5 Top side material Gelfon, TE finish smooth color white Bottom side material Nitrile, polyester/cotton finish smooth Ender polyester/cotton finish smooth color white Ender polyester/cotton Food Grade (FG) yes polyester Food Grade (FG) yes polyester Fore at 1% elongation ISO 201181 Iso store Fore at 1% elongation Iso 21181 letCover 0.1 m 0 i. Weight AB method KV.004 Iso 200 0.1 im 0 i. Weight AB method KV.004 Iso 0.1 i. 0.1 i. 0.1 i. Minimum pulley diameter fixing from / to i.1 i 0.1 i 0.1 i						
Number of plies5Top sidematerialTeflon, TEfinishsmoothcolorwhiteBottom sidematerialNitrile, polyester/cottonfinishsmoothtinishsmoothtoorblackcolorblackblackblackblackblackblackblackyesFDAyesforforforforforforforyesfor <t< th=""><th></th><th></th><th></th><th></th><th></th></t<>						
Top side material Fefin, TE inish smooth	Tension layer		polyester/cottor	polyester/cotton, flexible		
finish smooth color white material Nitrile, polyester/cton finish smooth color back	Number of plies		5	5		
colorwhiteBottom sidematerialNitrile, polyester/cutonfinishsmoothcolorblack<	Top side	material	Teflon, TE	Teflon, TE		
Bottom sidematerialNitrile, polyester/cttonBottom sidematerialNitrile, polyester/cttonfinishsmoothcolorblackblackblacksmoothblacksmooth <th< th=""><th></th><th>finish</th><th>smooth</th><th></th><th></th></th<>		finish	smooth			
finish smooth color black Characteristics Food Grade (FG) yes FDA Technical data Force at 1% elongation ISO 21181 for p side 62A Shore iso iso Force at 1% elongation ISO 21181 iso iso iso iso iso Minimum pulley diameter Continuous from / to -118 / 121 °C -0.4 / 249.8 °F Minimum pulley diameter fexing iso iso iso iso iso iso Mainimum pulley diameter fexing iso iso iso iso iso iso		color	white			
color black color black Characteristics set (FG) yes FDA Technical data Hardness ISO 868 top side 662A Shore 0 Isolation Force at 1% elongation ISO 21181 op side 610 N/mm 57.1 Ibs/in. Thickness AB method KV.002 belt 5.6 mm 0.22 in. Weight AB method KV.004 op cover 0.11 mm 0 in. Operating temperature continuous from / to -18 / 121 °C -0.4 / 249.8 °F Minimum pulley diameter flexing On from / to -18 / 121 °C -0.4 / 249.8 °F	Bottom side	material	Nitrile, polyeste	Nitrile, polyester/cotton		
An and a series of the series		finish	smooth			
Food Grade (FG)yesFDATechnical dataHardnessISO 868top side62AShoreIForce at 1% elongationISO 21181IIM/mm57.1Ibs/in.ThicknessAB method KV.002beltG.0.1mm0.2.2in.WeightAB method KV.004III.0.2in.Operating temperaturecontinuousfrom / to-18.1/21°C-0.4/249.8°FMinimum pulley diameterfexingInInIn.In.In.backflexingIcongInInIn.In.In.		color	black			
Food Grade (FG)yesFDATechnical dataHardnessISO 868top side62AShoreIForce at 1% elongationISO 21181IIM/mm57.1Ibs/in.ThicknessAB method KV.002beltG.0.1mm0.2.2in.WeightAB method KV.004III.0.2in.Operating temperaturecontinuousfrom / to-18.1/21°C-0.4/249.8°FMinimum pulley diameterfexingInInIn.In.In.backflexingIcongInInIn.In.In.						
Technical data Hardness ISO 868 top side 62A Shore Iso Force at 1% elongation ISO 21181 op side 62A Shore Iso Thickness AB method KV.002 belt 0 Nmm 0.22 in. Weight AB method KV.004 top cover 0.1 mm 0 in. Operating temperature continuous from / to -18 / 121 °C -0.4 / 249.8 °F Minimum pulley diameter flexing In In in. in.	Characteristics					
HardnessISO 868top side62AShoreImage: ShoreForce at 1% elongationISO 21181Image: Shore10N/mm57.1Ibs/in.ThicknessAB method KV.002belt5.6mm0.22in.Image: ShoreImage: ShoreImage: ShoreImage: ShoreImage: ShoreImage: ShoreWeightAB method KV.004Image: ShoreImage: ShoreImage: ShoreImage: ShoreOperating temperaturecontinuousfrom / to-18 / 121°C-0.4 / 249.8°FMinimum pulley diameterflexingImage: ShoreImage: ShoreImage: ShoreImage: ShoreImage: ShoreImage: ShorebackflexingImage: ShoreImage: Sh	Food Grade (FG)	yes	FDA			
HardnessISO 868top side62AShoreImage: ShoreForce at 1% elongationISO 21181Image: Shore10N/mm57.1Ibs/in.ThicknessAB method KV.002belt5.6mm0.22in.Image: ShoreImage: ShoreImage: ShoreImage: ShoreImage: ShoreImage: ShoreWeightAB method KV.004Image: ShoreImage: ShoreImage: ShoreImage: ShoreOperating temperaturecontinuousfrom / to-18 / 121°C-0.4 / 249.8°FMinimum pulley diameterflexingImage: ShoreImage: ShoreImage: ShoreImage: ShoreImage: ShoreImage: ShorebackflexingImage: ShoreImage: Sh	Technical data					
Force at 1% elongationISO 21181Iso 21181Minimum pulley diameterMinimum pulley diameterISO 21181Minimum pulley diameterMinimum pulley diameterMinimum pulley diameterISO 21181Minimum pulley diameterMinimum		100 000	ton side	C2A Chara		
Thickness AB method KV.002 belt 5.6 mm 0.22 in. Weight AB method KV.004 top cover 0.1 mm 0 in. Weight AB method KV.004 from / to 1.29 lbs/ft² Operating temperature continuous from / to -18 / 121 °C -0.4 / 249.8 °F Minimum pulley diameter flexing from / to -18 / 121 °C -0.4 / 249.8 °F backflexing flexing form / to -18 / 121 °C -0.4 / 249.8 °F			top side			
KeightAB method KV.004top cover0.1mm0in.Operating temperaturecontinuousfrom / to-18 / 121°C-0.4 / 249.8°FMinimum pulley diameterflexingflexingfrom / to-18 / 121°C-0.4 / 249.8°Fbackflexingflexingform / toflexing	-				,	
WeightAB method KV.0046.3kg/m²1.29lbs/ft²Operating temperaturecontinuousfrom / to-18 / 121°C-0.4 / 249.8°FShortfrom / to-18 / 121°C-0.4 / 249.8°FMinimum pulley diameterflexingflexingMm4in.backflexingflexingflexingflexingflexingflexingflexingflexing	Thickness	AB method KV.002				
Operating temperature continuous from / to -18 / 121 °C -0.4 / 249.8 °F short from / to -18 / 121 °C -0.4 / 249.8 °F Minimum pulley diameter flexing flexing 101.6 mm 4 in. backflexing flexing flexing <th></th> <th></th> <th>top cover</th> <th></th> <th></th>			top cover			
short from / to -18 / 121 °C -0.4 / 249.8 °F Minimum pulley diameter flexing Image: Color of the state						
Minimum pulley diameter flexing 101.6 mm 4 in. backflexing NA mm in.	Operating temperature	continuous	from / to		·	
backflexing NA mm in.		short	from / to	-18 / 121 °C	-0.4 / 249.8 °F	
	Minimum pulley diameter	flexing		101.6 mm	4 in.	
Manufacturing width standard 1524 mm 60 in		backflexing		NA mm	in.	
	Manufacturing width	standard		1524 mm	60 in.	
maximum 1524 mm 60 in.		maximum		1524 mm	60 in.	

Fabrication

Vulcanizing is always preferable. Cold splicing can only be done when the belt is exposed to normal temperature and the humidity is not excessive. For the working method, consult the splice information and the equipment literature. Apply the recommended splice as indicated in the seperate information.

Additional information

This sheet contains typical values, which apply to a temperature of approx. 20 °C (68 °F), unless otherwise stated, individual data may differ. We recommend to keep the belt tension to a practical working minimum to maximize the service life of the belt and machine parts.

Always protect belts from sunlight/UV-radiation, avoid temperatures below 10°C and above 40°C, dust and dirt. Store belts in a cool and dry place and if possible in their original packaging.

For details consult 'Storage and handling instructions' or contact our specialist.

Because of continuous development, the presented data is subject to alteration. This data replaces that included in previous publications. Ammeraal Beltech excludes any liability for the incorrect use of the above stated information. Subject to the general terms and conditions of sale and delivery, as applied by its operating companies, are all activities performed and services rendered by Ammeraal Beltech.