## **Product Data Sheet**

Material friction cover   elastomer     Color friction cover   Diack     Material traction cover   D.7 mm     Material traction cover   polyamide     Material traction layer   polyamide fabric     Characteristics reverse cover   fabric structure     Diack   uncoated     Product characteristics   1.8 mm (± 0.2 mm)     Total thickness   1.8 kg/m²     Standard production width   320 N/mm     Mainum tensile force   320 N/mm     -at 1% elongation   7 N/mm     Minimum pulley diameter   500 mm     Operating temperatures   9es     Permanently antistatic DIN EN 20284   Finamability DIN EN 20340     Chemical resistance   oil and grease resistant     Endless joining   80 mm     Joining material   Glue F     Note   Glue F     Note   Jow both adhesives to evaporate for approx. 5 min after application. Hot bonding can be used after 24 h.     Ioning parameters   120 °C   248 °F     Pressing temperatures   120 °C   248 °F     Pressing time   100 °C   248 °F     Bicone paper <td< th=""><th>Product identification F</th><th>1 7 GT</th><th>Article number</th><th>30100007</th></td<>	Product identification F	1 7 GT	Article number	30100007
Function power transmission   Application flat belt transmission, idler transmission, air installation, restraints, mill drive, weighing   Industry logistics, packaging, power generation   Product construction elastomer color friction cover cough structured black   Characteristics friction cover polyamide   Characteristics reverse cover polyamide   Characteristics reverse cover polyamide fabric fabric structure   Characteristics reverse cover 1.8 mm (± 0.2 mm) 1.8 kg/m²   Total thickness Standard production width Material reverse cover 1.8 mm (± 0.2 mm) 1.8 kg/m²   Sod mm Standard production width Material reverse cover 1.8 mm (± 0.2 mm) 1.8 kg/m²   Operating temperatures Permanently antistatio DIN EN 20284 Flammability DIN EN 20340 Chemical resistance Num   Solining material Polyamide glue Rubber glue Additional material Pressing time Wedge joining 30 min 248 °F 20 °C 248 °F Total Synite   Additional material Pressing time 120 °C 30 min 248 °F 248 °F 20 °C Pressure prize pressure plate tailconce paper   Characteristics Pressing time 120 °C 30 min 248 °F 20 °C Pressure plate tailconce paper beating plate	Product group	high duty flat belt		
Application   Int belt transmission, idler transmission, air installation, restraints, mill drive, weighing     Industry   togistics, packaging, power generation     Product construction   elastomer     Material friction cover   cough structured black     Color friction cover   0.7 mm     Material traction layer   polyamide     Polyamide fabric   polyamide fabric     Characteristics reverse cover   fabric structure     Characteristics reverse cover   black     Thickness structures   1.8 mm (± 0.2 mm)     Standard production width   1.8 g/m²     Standard production width   50 mm     Min:   :20 °C   :4 °F     Permanently antistic DIN EN 20284   Nic:   :20 °C   :4 °F     Paramently antistic DIN EN 20284   Som   Som   Som     Soloning material   Som   Som   Som   Som     Johning hereit   South adhesives to evaporate for approx. 5 min after application. Hot bonding can be used after 24 h.   Lilow both adhesives to evaporate for approx. 5 min after application. Hot bonding can be used after 24 h.     Standard production width   :20 °C   :24 °F   Som in on	<b>-</b> .			
Product construction   elastomer rough structured black   elastomer rough structured black     Material fraction cover Color friction cover   0.7 mm     Material traction layer   polyamide fabric fabric structure     Material reverse cover Color reverse cover Color reverse cover Thickness reverse cover   polyamide fabric fabric structure     Total thickness   1.8 mm (± 0.2 mm) 1.8 kg/m²     Standard production width Maximum tensile force •at 1% elongation   1.8 mm (± 0.2 mm) 1.8 kg/m²     Standard production width Maximum tensile force •at 1% elongation   1.8 mm (± 0.2 mm) 1.8 kg/m²     Portautichikeness   1.8 mm (± 0.2 mm) 1.8 kg/m²     Belt weight   1.8 kg/m²     Standard production width Maximum tensile force •a t 1% elongation   500 mm     Minimum pulley diameter Operating temperatures   0.1 mm     Permanently antistatic DIN EN 20284 Finamability DIN EN 20340   Minimum pulley diameter Or oil and grease resistant     Endless joining Joining length   Wedge joining 80 mm   0 min     Joining material Recommended joining Joining length   Glue F Total Syntic •   Total Syntic •     Note   Allow both adhesives to evaporate for approx. 5 min after application. Hot bonding can be used after 24 h.     Coining parameters Pressing time   120 °C 30 min   248 °F 30 min <td></td> <td>flat belt transmission</td> <td>n, idler transmission, air installa</td> <td>tion, restraints, mill</td>		flat belt transmission	n, idler transmission, air installa	tion, restraints, mill
Material friction cover   elastomer     Color friction cover   Diack     Material traction cover   D.7 mm     Material traction cover   polyamide     Material traction layer   polyamide fabric     Characteristics reverse cover   fabric structure     Diack   uncoated     Product characteristics   1.8 mm (± 0.2 mm)     Total thickness   1.8 kg/m²     Standard production width   320 N/mm     Mainum tensile force   320 N/mm     -at 1% elongation   7 N/mm     Minimum pulley diameter   500 mm     Operating temperatures   9es     Permanently antistatic DIN EN 20284   Finamability DIN EN 20340     Chemical resistance   oil and grease resistant     Endless joining   80 mm     Joining material   Glue F     Note   Glue F     Note   Jow both adhesives to evaporate for approx. 5 min after application. Hot bonding can be used after 24 h.     Ioning parameters   120 °C   248 °F     Pressing temperatures   120 °C   248 °F     Pressing time   100 °C   248 °F     Bicone paper <td< td=""><td>Industry</td><td>logistics, packaging,</td><td>power generation</td><td></td></td<>	Industry	logistics, packaging,	power generation	
Characteristics friction cover   rough structured black     Other friction cover   0.7 mm     Material traction layer   polyamide fabric fabric structure black     Characteristics reverse cover   polyamide fabric fabric structure black     Thickness friction cover   polyamide fabric fabric structure black     Total thickness   1.8 mm (± 0.2 mm)     1.8 kg/m²   Standard production width     Maximum tensile force   320 N/mm     -at 1% elongation   7 N/mm     Minimum pulley diameter   O/m m     Operating temperatures   Min: -20 °C -4 °F Max: 80 °C 176 °F     Permanently antistatic DIN EN 20284   ro     Flammability DIN EN 20340   oil and grease resistant     Endless joining   80 mm     Joining material   Bilker F     Polyamide glue   Glue F     Recommended joining Joining length   80 mm     Joining length   Glue F     Total Syntic      Additional material      Note   Allow both adhesives to evaporate for approx. 5 min after application. Hot bonding can be used after 24 h.     Joining temperatures   120 °C 248 °F   Fressing temperatures   pressure p	Product construction			
Color friction cover   black     Thickness friction cover   0.7 mm     Material traction layer   polyamide     Material reverse cover   fabric structure     Color reverse cover   fabric structure     Delack   uncoated     Product characteristics   1.8 mm (± 0.2 mm)     Tati thickness   1.8 mm (± 0.2 mm)     Belt weight   1.8 kg/m²     Standard production width   3.8 g/m²     Mainmum tensile force   -at 1% elongation     -at 1% elongation   500 mm     Minimum pulley diameter   DVmm     Operating temperatures   Nmm     Permanently antistatic DIN EN 20284   Filemability DIN EN 20340     Chemical resistance   oil and grease resistant     Endless joining   80 mm     Additional material   Min: -20 °C     Polyamide glue   Glue F     Total Syntic       Note     Additional material   Allow both adhesives to evaporate for approx. 5 min after application. Hot bonding can be used after 24 h.     Volining parameters   120 °C   248 °F     Pressing temperatures   30 min   248 °				
Thickness friction cover   0.7 mm     Material traction layer   polyamide     Material reverse cover   polyamide fabric     Characteristics reverse cover   fabric structure     black   uncoated     Product characteristics   1.8 mm (± 0.2 mm)     Total thickness   1.8 mm (± 0.2 mm)     Belt weight   1.8 kg/m²     Standard production width   500 mm     Maximum tensile force   7 N/mm     -at 1% elongation   7 N/mm     Diminum pulley diameter   00 N/mm     Operating temperatures   9 c     Permanently antistatic DIN EN 20284   9 c     Flammability DIN EN 20340   0     Chemical resistance   0il and grease resistant     Boining material   80 mm     Joining length   80 mm     Joining length   Glue F     Total Syntic          Allow both adhesives to evaporate for approx. 5 min after application. Hot bonding can be used after 24 h.     Iterative joining methods   120 °C   248 °F     Pressing temperatures   120 °C   248 °F     Pressing temperatures <td></td> <td><b>.</b></td> <td></td> <td></td>		<b>.</b>		
Material traction layer   polyamide     Material reverse cover   polyamide fabric     Characteristics reverse cover   fabric structure     black   uncoated     Product characteristics   1.8 mm (± 0.2 mm)     1.8 dximum tensile force   1.8 kg/m²     att % elongation   1.8 kg/m²     Standard production width   500 mm     Maximum tensile force   320 N/mm     -at % elongation   70 N/mm     Operating temperatures   9     Permanetity antistatic DIN EN 20284   Filammability DIN EN 20340     Chemical resistance   oil and grease resistant     Endless joining   wedge joining 80 mm     Polyamide glue   Glue F     Recommeded joining Joining length   Clue F     Note   Allow both adhesives to evaporate for approx. 5 min after application. Hot bonding can be used after 24 h.     Pressing temperatures   120 °C   248 °F     Pressing temperatures   120 °C   248 °F     Pressing temperatures   120 °C   248 °F     Pressing temperatures   30 min   248 °F     Pressing temperatures   120 °C   248 °F     Pressing				
Material reverse cover Characteristics reverse cover   polyamide fabric fabric structure black uncoated     Product characteristics   1.8 mm (± 0.2 mm)     Total thickness   1.8 mm (± 0.2 mm)     Belt weight   1.8 kg/m <sup>2</sup> Standard production width   320 K/mm     Maximum tensile force   320 K/mm     -at 1% elongation   7 K/mm     Minimum pulley diameter   50 mm     Operating temperatures   9     Permanently antistatic DIN EN 20284   Finder status     Flammability DIN EN 20340   oil and grease resistant     Chemical resistance   0il and grease resistant     Endless joining Joining length   Wedge joining 80 mm     Joining length   Bol     Joining length   Glue F Total Syntic     Additional material Note   Allow both adhesives to evaporate for approx. 5 min after application. Hot bonding can be used after 24 h.     Joining parameters Pressing temperatures Pressing time   120 °C 30 min   248 °F     Pressing temperatures Pressing time   120 °C 30 min   248 °F     Finger joining Step joining   no   no	Thickness fiction cover	0.7 11111		
Characteristics reverse cover   fabric structure     black   uncoated     Product characteristics   1.8 mm (± 0.2 mm)     Total thickness   1.8 kg/m²     Belt weight   1.8 kg/m²     Standard production width   500 mm     Maximum tensile force   -320 °C   -4 °F     -at 1% elongation   7 N/mm     Standard production width   500 mm     Maximum tensile force   -20 °C   -4 °F     -at 1% elongation   7 N/mm     Standard production width   500 mm     More   50 mm     Min: - 20 °C   -4 °F     Max:   80 °C   176 °F     yes   no   oil and grease resistant     chemical resistance   oil and grease resistant   no     gloining material   80 mm   Boining length   80 mm     Joining length   80 mm   Glue F   Total Syntic      Additional material    Allow both adhesives to evaporate for approx. 5 min after application. Hot bonding can be used after 24 h.   pressure plate fabric structure bonding can be used after 24 h.     Joining parameters   120 °C   248 °F	Material traction layer	polyamide		
Characteristics reverse cover   fabric structure     black   uncoated     Product characteristics   1.8 mm (± 0.2 mm)     Total thickness   1.8 kg/m²     Belt weight   1.8 kg/m²     Standard production width   500 mm     Maximum tensile force   -320 °C   -4 °F     -at 1% elongation   7 N/mm     Standard production width   500 mm     Maximum tensile force   -20 °C   -4 °F     -at 1% elongation   7 N/mm     Standard production width   500 mm     More   50 mm     Min: - 20 °C   -4 °F     Max:   80 °C   176 °F     yes   no   oil and grease resistant     chemical resistance   oil and grease resistant   no     gloining material   80 mm   Boining length   80 mm     Joining length   80 mm   Glue F   Total Syntic      Additional material    Allow both adhesives to evaporate for approx. 5 min after application. Hot bonding can be used after 24 h.   pressure plate fabric structure bonding can be used after 24 h.     Joining parameters   120 °C   248 °F	Material reverse cover	polvamide fabric		
Thickness reverse cover   uncoated     Product characteristics   1.8 mm (± 0.2 mm)     Belt weight   1.8 kg/m²     Standard production width   300 mm     Maximum tensile force   320 N/mm     -at 1% elongation   7 N/mm     Operating temperatures   Min: -20 °C   -4 °F     Permanently antistatic DIN EN 20284   yes     Permanently antistatic DIN EN 20284   no     Ochemical resistance   oil and grease resistant     Endless joining   wedge joining 80 mm     Doining material   Wedge joining 80 mm     Polyamide glue   Glue F     Rubber glue   Additional material     Polyamide glue   Allow both adhesives to evaporate for approx. 5 min after application. Hot bonding can be used after 24 h.     Vote   120 °C   248 °F     Pressing temperatures Pressing temperatures   120 °C   248 °F     Pressing temperatures   120 °C				
Product characteristics   1.8 mm (± 0.2 mm)     Total thickness   1.8 kg/m²     Beit weight   1.8 kg/m²     Standard production width   320 N/mm     Maximum tensile force   320 N/mm     -at 1% elongation   7 N/mm     Minimum pulley diameter   50 mm     Operating temperatures   Min: -20 °C   -4 °F     Permanently antistatic DIN EN 20284   rs     Flammability DIN EN 20340   no   oil and grease resistant     Chemical resistance   oil and grease resistant   oil and grease resistant     Foldess joining   wedge joining   80 mm     Joining material   Glue F   Total Syntic     Polyamide glue   Allow both adhesives to evaporate for approx. 5 min after application. Hot bonding can be used after 24 h.     Joining parameters   120 °C   248 °F     Pressing temperatures   120 °C   248 °F     Pressing time   120 °C   248 °F     Binger joining   no   iilicon		black		
Total thickness   1.8 mm (± 0.2 mm)     Bett weight   1.8 kg/m²     Standard production width   500 mm     Maximum tensile force   320 N/mm     -at 1% elongation   7 N/mm     Operating temperatures   Formanently antistatic DIN EN 20284     Permanently antistatic DIN EN 20284   Nin: -20 °C   -4 °F     Recommended joining   wedge joining     Joining material   wedge joining     Polyanide glue   Glue F     Rubber glue   Glue F     Additional material      Note   Allow both adhesives to evaporate for approx. 5 min after application. Hot bonding can be used after 24 h.     Voining parameters   120 °C   248 °F     Pressing temperatures   20 min   248 °F     Pressing time   30 min   248 °F     Finger joining   no   no     Note   120 °C   248 °F     Pressing time   30 min   248 °F     Finger joining   no   no     Note   120 °C   248 °F     Berger joining   no   no     Note   120 °C   248 °F   <	Thickness reverse cover	uncoated		
Belt weight   1.8 kg/m²     Standard production width   500 mm     Maximum tensile force   320 N/mm     -at 1% elongation   7 N/mm     Minimum pulley diameter   50 mm     Operating temperatures   90 °C     Permanently antistatic DIN EN 20284   96     Flammability DIN EN 20340   no     Chemical resistance   oil and grease resistant     Joining material   wedge joining     Polyamide glue   Glue F     Rubber glue   Additional material     Note   Allow both adhesives to evaporate for approx. 5 min after application. Hot bonding can be used after 24 h.     Joining parameters   120 °C     Pressing temperatures   120 °C     Pressing temperatures   120 °C     Pressing time   120 °C     Alternative joining methods   100 °C     Finger joining   no     Note   120 °C     Pressing temperatures   120 °C     Pressing time   120 °C     O'C   248 °F     Silicone paper   16 belt     Silicone paper   16 belt     Silicone paper   16	Product characteristics			
Standard production width   500 mm     Maximum tensile force   320 N/mm     -at 1% elongation   7 N/mm     Minimum pulley diameter   50 mm     Operating temperatures   7 N/mm     Permanently antistatic DIN EN 20284   9     Flammability DIN EN 20340   0il and grease resistant     Chemical resistance   oil and grease resistant     Bendless joining   wedge joining     Joining material   Wedge joining     Polyamide glue   Glue F     Rubber glue   Additional material     Note   Allow both adhesives to evaporate for approx. 5 min after application. Hot bonding can be used after 24 h.     Joining parameters   pressing temperatures     Pressing temperatures   120 °C   248 °F     So min   20 °C   248 °F     Alternative joining methods   no   silicone paper     Finger joining   no   no   heating plate		· · ·		
Maximum tensile force   320 N/mm     -at 1% elongation   7 N/mm     Minimum pulley diameter   50 mm     Operating temperatures   Min: -20 °C   -4 °F   Max: 80 °C   176 °F     Permanently antistatic DIN EN 20284   Min: -20 °C   -4 °F   Max: 80 °C   176 °F     Permanently antistatic DIN EN 20340   oil and grease resistant   oil and grease resistant   100     Endless joining   wedge joining   80 mm   wedge joining   100     Joining material   Wedge joining   80 mm   100   100   100     Polyamide glue   Glue F   Total Syntic     100	-	-		
-at 1% elongation   7 N/mm     Minimum pulley diameter   50 mm     Operating temperatures   Min: -20 °C   -4 °F   Max: 80 °C   176 °F     Permanently antistatic DIN EN 20284   Permanently antistatic DIN EN 20284   Poission   Note   Note     Encless joining   Recommended joining   wedge joining   Note   S0 mm   S0 mm     Joining length   Wedge joining   80 mm   Image: S0 mm   Image: S0 mm   Image: S0 mm     Joining length   Wedge joining   80 mm   Image: S0 mm				
Operating temperatures   Min: -20 °C   -4 °F   Max: 80 °C   176 °F     Permanently antistatic DIN EN 20284   riand grease resistant   no   oil and grease resistant     Endless joining   Recommended joining Joining length   wedge joining 80 mm   Image: Standard Standar				
Permanently antistatic DIN EN 20284   yes     Flammability DIN EN 20340   oil and grease resistant     Chemical resistance   oil and grease resistant     Endless joining   wedge joining     Joining material   wedge joining     Polyamide glue   Glue F     Rubber glue   Glue F     Additional material      Note   Allow both adhesives to evaporate for approx. 5 min after application. Hot bonding can be used after 24 h.     Joining parameters   Pressing temperatures     Pressing temperatures   120 °C   248 °F     Pressing temperatures   120 °C   248 °F     Silicone paper   silicone paper     hatternative joining methods   no     Finger joining   no     no   no				
Flammability DIN EN 20340 Chemical resistance   no     oil and grease resistant     Endless joining Accommended joining Joining length   wedge joining 80 mm     Joining material Polyamide glue Rubber glue Additional material   Glue F Total Syntic Note   Allow both adhesives to evaporate for approx. 5 min after application. Hot bonding can be used after 24 h.     Joining parameters Pressing temperatures Pressing time   120 °C 30 min   248 °F     Alternative joining methods Finger joining Step joining   no   pressure plate fabric belt			-4 °F Max: 80 °C 176	6 °F
Chemical resistance   oil and grease resistant     Endless joining Accommended joining Joining length   wedge joining 80 mm   wedge joining 80 mm     Joining material Polyamide glue Rubber glue Additional material   Glue F Total Syntic Glue F Total Syntic     Note   Allow both adhesives to evaporate for approx. 5 min after application. Hot bonding can be used after 24 h.   pressure plate fabric belt     Joining parameters Pressing temperatures Pressing time   120 °C 30 min   248 °F 248 °F   pressure plate fabric belt     Alternative joining methods Finger joining   no   no   pressure plate	-			
Endless joining   wedge joining     Recommended joining   wedge joining     Joining length   80 mm     Joining material   Glue F     Polyamide glue   Glue F     Rubber glue   Total Syntic     Additional material      Note   Allow both adhesives to evaporate for approx. 5 min after application. Hot bonding can be used after 24 h.     Joining parameters   Pressing temperatures     Pressing time   120 °C   248 °F     Alternative joining methods   no     Finger joining   no			ant	
Recommended joining Joining length   wedge joining 80 mm     Joining material Polyamide glue Rubber glue Additional material   Glue F Total Syntic Note   Glue b     Note   Allow both adhesives to evaporate for approx. 5 min after application. Hot bonding can be used after 24 h.     Joining parameters Pressing temperatures Pressing time   120 °C 30 min   248 °F     Alternative joining methods Finger joining Step joining   no   silicone paper heating plate				
Joining length 80 mm   Joining material Glue F   Polyamide glue Glue F   Rubber glue Total Syntic   Additional material    Note Allow both adhesives to evaporate for approx. 5 min after application. Hot bonding can be used after 24 h.   Joining parameters 120 °C   Pressing temperatures 120 °C   Pressing time 30 min   Alternative joining methods no   Finger joining no   Step joining no		wedge joining		
Joining material   Glue F     Polyamide glue   Glue F     Rubber glue   Total Syntic     Additional material      Note   Allow both adhesives to evaporate for approx. 5 min after application. Hot bonding can be used after 24 h.     Joining parameters   Pressing temperatures     Pressing time   120 °C   248 °F     Alternative joining methods   silicone paper     Finger joining   no   no				
Polyamide glue   Glue F     Rubber glue   Total Syntic     Additional material      Note   Allow both adhesives to evaporate for approx. 5 min after application. Hot bonding can be used after 24 h.     Joining parameters   Pressing temperatures     Pressing time   120 °C   248 °F     Alternative joining methods   120 °C   248 °F     Finger joining   no   silicone paper     Note   no   no				
Rubber glue   Total Syntic     Additional material      Note   Allow both adhesives to evaporate for approx. 5 min after application. Hot bonding can be used after 24 h.     Joining parameters   Pressing temperatures     Pressing temperatures   120 °C   248 °F     Pressing time   120 °C   248 °F     Alternative joining methods   silicone paper     Finger joining   no     Step joining   no	-	Cluc F		
Additional material      Note   Allow both adhesives to evaporate for approx. 5 min after application. Hot bonding can be used after 24 h.     Joining parameters   Pressing temperatures     Pressing time   120 °C   248 °F     Alternative joining methods   no     Finger joining   no     Step joining   no			COLORADO COL	1000000
Note   bonding can be used after 24 h.     Joining parameters   pressing temperatures     Pressing time   120 °C   248 °F     Alternative joining methods   no     Finger joining   no     Step joining   no				
Note   bonding can be used after 24 h.     Joining parameters   pressing temperatures     Pressing time   120 °C   248 °F     Alternative joining methods   no     Finger joining   no     Step joining   no		Allow both adhesive	s to evaporate for approx. 5 mi	n after application. Hot
Pressing temperatures   120 °C   248 °F   fabric     Pressing time   30 min   belt     Alternative joining methods   silicone paper     Finger joining   no     Step joining   no	Note			
Pressing temperatures   120 °C   248 °F   fabric     Pressing time   30 min   belt     Alternative joining methods   silicone paper     Finger joining   no     Step joining   no	Joining parameters		200000000000000000000000000000000000000	pressure plate
Alternative joining methods silicone paper   Finger joining no   Step joining no	Pressing temperatures	120 °C	248 °F	fabric
Alternative joining methods silicone paper   Finger joining no   Step joining no		30 min		belt
Finger joining no heating plate   Step joining no	Alternative joining methods			
Step joining no		no		heating plate
Mechanical joining G001	Step joining			
	Mechanical joining	G001		

The listed performance data, information on application and use are only recommendations and were identified under normal conditions and are subject to the changes through continuous development. Since the VIS GmbH has no influence on the specific conditions of use, there can be differences in the data and information. Therefor, no liability can be accepted for the qualification of the product for the specific application.

**Technical status:** 03/18

