**Technical datasheet** 

## **GG E03.14 FFQ**

Article code: FBGG054583



Product sub type       QuickSplice         Industry segment       Postal automation; Paper & print         Main product feature       Flexible, Energy saving         Application       Mail handling, Paper processing, Printing & finishing         Indication of use       Bi-directional, High efficient rubber cover         Belt construction       Polyester fabric         Tension member       polyester fabric         Top side       material       XNBR elastomer         Golor       grey         Bottom / Pulley side       material       XNBR elastomer         Finish       Fine       Inish         color       grey       Inish       Inie         Color       grey       Inish       Fine         Color       grey       Inish       Inie         Color       grey       Inish       Fine         Color       grey       Inish       Inie         Color       grey       Inish       Inie         Color       grey       Inish       Inie         Color       grey       Inie       Inie         Color       no       Inie       Inie         Matistatic (AS)       yes       Inie       Inie	General information						
Industry segment       Postal automation; Paper & print         Main product feature       Flexible, Energy saving         Application       Mail handling, Paper processing, Printing & finishing         Indication of use       Bi-directional, High efficient rubber cover         Belt construction       Polyester fabric         Top side       material         Kinsh       Fine         Color       grey         Bottom / Pulley side       material         Kinsh       Fine         Color       grey         Color       grey         Bottom / Pulley side       material         Kinsh       Fine         Color       grey         Color       grey </th <th>Product group</th> <th colspan="6">High performance flat belts</th>	Product group	High performance flat belts					
Main product feature       Flexible, Energy saving         Application       Mail handling, Paper processing, Printing & finishing         Indication of use       Bit-directional, High efficient rubber cover         Belt construction       Polyester fabric         Tension member       Polyester fabric         Top side       material       XNBR elastomer         Bottom / Pulley side       material       XNBR elastomer         Golor       grey       Statemark         Color       grey       Statemark       Statemark         Characteristics       Statemark       Statemark       Statemark         High conductive (HC)       no       Statemark       Statemark         Belt thickness       ISO 2286-3       1.4 mm       0.06 in. <th>Product sub type</th> <th colspan="6">QuickSplice</th>	Product sub type	QuickSplice					
Application       Mail handling, Paper processing, Printing & finishing         Indication of use       Bi-directional, High efficient ruber cover         Belt construction       Polyester fabric         Tension member       Mail nandling, Paper processing, Printing & finishing         Top side       Polyester fabric         Top side       material         Kinsh       Fine         Color       grey         Bottom / Pulley side       material         Kinsh       Fine         Color       grey         Color       grey         Bottom / Pulley side       material         Kinsh       Fine         Color       grey         Color       grey <th>Industry segment</th> <th colspan="6">Postal automation; Paper &amp; print</th>	Industry segment	Postal automation; Paper & print					
Indication of use       Bi-directional, High efficient ruber cover         Belt construction       Polyester fabric         Tension member       Material         Top side       material         finish       Fine         color       grey         Bottom / Pulley side       material         finish       Fine         color       grey         finish       Fine         finish       Fine         color       grey         finish       Fine         color       grey         color       grey         finish       Fine         color       grey         color       grey     <	Main product feature	Flexible, Energy saving					
Belt construction         Tension member       Polyester fabric         Top side       material       XNBR elastomer         finish       Fine         color       grey         Bottom / Pulley side       material       XNBR elastomer         finish       Fine         color       grey         Bottom / Pulley side       material       XNBR elastomer         finish       Fine       Image: Color         food Grade (FG)       no       grey         Antistatic (AS)       yes       ges         High conductive (HC)       no       Image: Color       Image: Color         Technical data         Belt thickness       ISO 2286-3       1.4 mm       0.06 in.	Application	Mail handling, Paper processing, Printing & finishing					
Tension memberPolyester fabricTop sidematerialXNBR elastomerfinishFinecolorgreyBottom / Pulley sidematerialXNBR elastomerfinishFinefinishgreycolorgreyCharacteristicsSecondColorSecond Grade (FG)noSecondHigh conductive (HC)noSecond Grade (FG)noSecond Grade (FG)Belt thicknessISO 2286-3ISO 2286-3Iso 2286-31.4m0.06in	Indication of use	Bi-directional, High efficient rubber cover					
Tension memberPolyester fabricTop sidematerialNNBR elastomerfinishFinecolorgreyBottom / Pulley sidematerialNNBR elastomerfinishFinecolorgreyCharacteristicsSecondCharacteristicsFood Grade (FG)noMatistatic (AS)yesInigh conductive (HC)noBelt thicknessISO 2286-3Iso 2286-31.4mNoi.1.4							
Top sidematerialXNBR elastomerfinishFinecolorgreyBottom / Pulley sidematerialfinishFinefinishGolorgreycolorfinishFinecolorgreycolorgreyCharacteristicsservergrey </th <th>Belt construction</th> <th></th> <th></th> <th></th> <th></th> <th></th>	Belt construction						
finishFinecolorgreyBottom / Pulley sidematerialmaterialXNBR elastomerfinishFinecolorgreyCharacteristicsFood Grade (FG)noAntistatic (AS)yesHigh conductive (HC)noBet thicknessISO 2286-3101.4 mm0.06 in.	Tension member		Polyester fabric				
colorgreyBottom / Pulley sidematerialXNBR elastomerfinishFinecolorgreyCharacteristicsImage: CharacteristicsFood Grade (FG)noImage: CharacteristicsAntistatic (AS)yesunder thicknessImage: CharacteristicsImage: Characte	Top side	material	XNBR elastomer				
Bottom / Pulley side       material       XNBR elastomer         finish       Fine         color       grey         Characteristics       Vision       Vision         Food Grade (FG)       no       Antistatic (AS)       yes         High conductive (HC)       no       Image: Color       Image: Color         Technical data       ISO 2286-3       Image: Color       Image: Color         Belt thickness       ISO 2286-3       Image: Color       Image: Color		finish	Fine				
finish colorFine greyCharacteristicsImage: Second seco		color	grey				
colorgreyCharacteristicsFood Grade (FG)noAntistatic (AS)yesHigh conductive (HC)noTechnical dataISO 2286-31.4 mm0.0 in.	Bottom / Pulley side	material	XNBR elastomer				
Characteristics       Image: constraint of the second		finish	Fine				
Food Grade (FG)noAntistatic (AS)yesHigh conductive (HC)noTechnical dataBelt thicknessISO 2286-31.4 mm0.06 in.		color	grey				
Food Grade (FG)noAntistatic (AS)yesHigh conductive (HC)noTechnical dataBelt thicknessISO 2286-31.4 mm0.06 in.							
Antistatic (AS)     yes       High conductive (HC)     no       Technical data       Belt thickness     ISO 2286-3	Characteristics						
High conductive (HC)     no       Technical data     ISO 2286-3     1.4 mm     0.06 in.	Food Grade (FG)	no					
Technical data         ISO 2286-3         1.4 mm         0.06 in.	Antistatic (AS)	yes					
Belt thickness         ISO 2286-3         1.4 mm         0.06 in.	High conductive (HC)	no					
Belt thickness         ISO 2286-3         1.4         mm         0.06         in.							
	Technical data						
Weight         ISO 290703-1         1.45 kg/m <sup>2</sup> 0.3 lbs/ft <sup>2</sup>	Belt thickness	ISO 2286-3		1.4	mm	0.06 in.	
-	Weight	ISO 290703-1		1.45	kg/m²	0.3 lbs/ft <sup>2</sup>	
Force at 1% elongation         ISO 21181         dynamic         3.1         N/mm         17.7         lbs/in.	Force at 1% elongation	ISO 21181	dynamic	3.1	N/mm	17.7 lbs/in.	

static

from / to

from / to

bottom side to steel

top side to steel

6.3 N/mm

0.5/2%

0,5

0,5

0/60 °C

20 mm

20 mm

570 mm

Belt width	standard
Fabrication	

**Recommended splice method** 

**Recommended elongation** 

Minimum pulley diameter

**Operating temperature** 

Coefficient of friction, dynamic

QuickSplice50

ISO 527

ISO 21182

back flexing

continuous

flexing

## Fabrication

QuickSplice50

## **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. Consult our specialists for further instructions regarding joining, storage & maintenance, tracking & tensioning. Consult our specialists for calculations with our E-RappCalc© technical calculation program.

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35.97 lbs/in.

0.79 in.

0.79 in.

32 / 140 °F

22.44 in.