

GG S07.30 RRC



Artikelcode 54243

Allgemeine Informationen

Produktgruppe	Hochleistungs-Flachriemen
Marktsegment	Papier & Druck, Papier
Typische Anwendung	Hülsenwickler
Bandeigenschaften	Hoher Griff, Abriebfest, Verschleissfest
Spezielle Eigenschaften	Leistungsfähige Gummibeschichtung

Bandaufbau

Laufseite	XNBR-Gummi	Gewebestruktur	Blau
Zugträger	Polyamidfolie		
Rückseite	XNBR-Gummi	Gewebestruktur	Blau

Eigenschaften

Lebensmittelgeeignet (FG)	
Antistatisch (AS) <i>DIN EN ISO 21178</i>	
Hohe Leitfähigkeit (HC)	
ATEX Zulassung	

Technische Banddaten

Banddicke <i>ISO 2286-3</i>	Toleranz +/- 0,1 mm / 0,004 in.	3,00 mm	0,118 in.
Gewicht <i>DIN 29073-1</i>		3,40 kg/m ²	0,696 lbs./ft. ²
Kraft bei 1% Dehnung <i>ISO 21181</i>	Dynamisch nach Einlauf	7,0 N/mm	39,20 lbs./in.
Empf. Auflagedehnung (min. - max.)		2,0 - 3,0 %	
Reibungskoeffizient (statisch, Stahl) <i>ISO 21182</i>	Laufseite	0,6 -	
	Rückseite	0,6 -	
Mindesttrommeldurchmesser	Umlenktrommel/Einschnürtrommel	40,0 mm	1,575 in.
Temperatur		0 bis 80 °C	32 bis 176 °F

Verbindungsmethoden

Verbindungsart	Wedge skived 90°
Alternative Verbindungsart	Wedge skived 75°

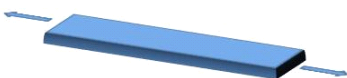
Zusätzliche Informationen

Die Angaben der Daten basieren auf einer Umgebungstemperatur von 20°C (68°F) und 65% relative Luftfeuchtigkeit.

Kontaktieren Sie unsere Spezialisten für weitere Informationen und Instruktionen hinsichtlich Verbindungstechnik, Lagerung & Wartung, sowie Auflegen & Spannen.

Kontaktieren Sie unsere Spezialisten für Berechnungen mit der RappCalc Software.

Vorheriger Artikelbeschreibung: GG 07.30 RR



Zugkraft für eine spezifische Dehnung per Breitereinheit (N/mm)

Durch fortwährende Entwicklungen ist eine Änderung der Daten möglich. Mit Erscheinen dieser Spezifikation werden alle bisherigen Dokumentationen ungültig. Ammeraal Beltech schließt jede Haftung für unsachgemäße Benutzung obiger Informationen aus. Für alle Aktivitäten und Service durch Ammeraal Beltech gelten die allgemeinen Verkauf- und Lieferungsbedingungen.

Endless joining instruction for RAPPLON® Classic flat belts

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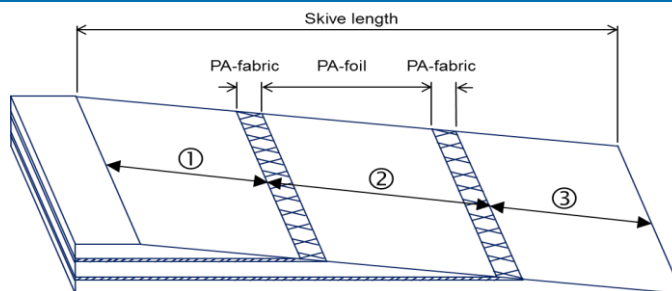
Preparation

Steel tape length	
+ Skive length	72 mm
+ Thickness allowance	9 mm
= Cutting length	

Cutting angle	75°**
KSM 200 Wedge	2.4
KSM 300 Angle	20
Grinding paper	40

Thickness	3.00 mm
Tolerance: +/-	0.10 mm

Gluing



No.	Adhesive	Material	Colour
1	R2	TNBR elastomer	Blue
2	118N	Polyamide foil including PA-fabric	-
3	R2	TNBR elastomer	Blue

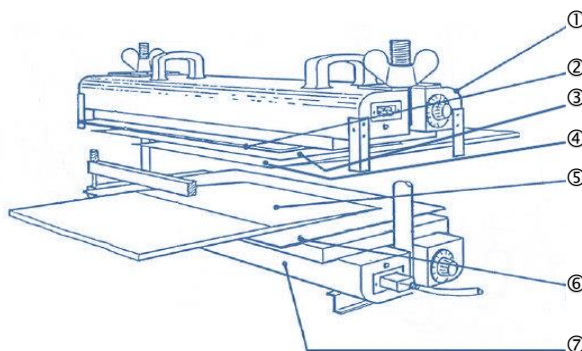
Apply adhesives thinly and evenly. Apply and work in adhesive 118N with a brush. Wipe off excessive adhesive with a spatula. Apply adhesive R2 with a clean brush, after other adhesives have been applied.

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Alternative splice method: **Cutting angle 90° for tubewinders

Splicing

- Lay both prepared and pre-glued splice ends in press; ensure both ends match exactly. Fill remaining spaces with same material (as belt to be spliced) and fix belt with the fixing bars. Remove fixing or hold down bars after press has been secured and pressure applied.
- Holding time starts after press has reached set temperature.
- Double the heating time when single side heated presses are used.



Press	RAPPLON®
Temperature	100 °C
Pressure	2.5 bar
Holding time	25 min
Cool down to	50 °C

No.	Structure of press
1	Upper half press
2	Rubber pad
3	PTFE fabric
4	Upper belt end
5	Lower belt end
6	PTFE fabric
7	Lower half press

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Check points

- Edges: Straight, not displaced.
- Surface: Adhesive outflow max. 2 mm.
- Thickness: Did layers (skive geometry) match properly?

Thickness: 3.00 mm
Tolerance over joint +/-: 0.10 mm

- Check the endless belt length with the measuring tool BLM 4400.
Refer to the RAPPLON® Fabrication tolerances.



Safety instructions & additional remarks

- Wear protective glasses and gloves during entire joining process.
- For adhesives, refer to material safety data sheets (MSDS) which are available on the AB-Infonet or contact rapplon@ammeraalbeltech.com.



- Before grinding and splicing carefully read the operation manual of the equipment used.
- For older model analog presses which have significant drop off cycles after reaching temperature, an increase of 10-15 degrees may be necessary to maintain the listed average heating temperature in our instructions.
- All indications are approximate values and based on the technical data of the specific RAPPLON® flat belt.
- The specifications have been defined under the following climatic conditions:
23 °C/73 °F, 50 % relative humidity (DIN 50005/ISO 554).
- Please consider the belt length can vary up to +/- 1.2 % due to climatic fluctuations.
- Due to minor thickness fluctuations actual skive length variations will be realized. On critical length requirements it is recommended to measure the belt thickness in order to calculate the correct skive length.
- For more depth and detailed guidelines (e. g. "Table of RAPPLON® splice length") on splicing refer to RAPPLON® Fabrication Guide-Classic joining procedure which is available on the AB-Infonet.

Additional information for adhesives

- In cold conditions pre-warm 103 L bottles by putting under hot water for 1-2 minutes.
- Once opened, 118 N and R2 have to be used with a few days. After use please replace the cap, close immediately and tightly.
- R2 replaces G100. Existing stock of G100 can still be used.
- Do not allow adhesives to intermix. Adhesives must be kept separate from one another.