

Splicing Materials

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8.1 - Standard Splicing Kits

When a splicing kits is required the following details are required to ensure that the correct kit is ordered. Not every belt is the same and rubber qualities are completely different for a heat resistant belt than for an oil resistant or standard belt and do not bond/cure with each other creating a failed splice. In the last page you find an enquiry sheet with all the required details.

A splicing kit can be ordered in separate parts or as a complete kit which normally consists of:

- Vulcanizing solution
- Cleaning solution
- Intermediate rubber
- Top/bottom cover rubber
- Silicone paper
- Noodles (for steel cord belts only)

What is needed in order to quote :

- a) The belt data sheet
- b) The belt specification including the belt width, for e.g. 1000 mm width, EP800/4, 5+3, DIN Y for fabric ply belts or 1200 mm width ST 1000, 8 + 6, 94 cords, diameter 4 mm.
- c) Is the Belt cover rubber non standard? Flame retardant, heat resistant (120 degrees C, 150 degrees C, 170 Degrees C or 200 degrees C) or Oil resistant cover then kindly mention this.

Standard Conveyor belts

Hot splicing of mono-and multi-ply conveyor belts with textile carcass(DIN22102) and covers made of the following polymers.

- | | |
|--|---------------|
| - Natural rubber | NR |
| - Styrene butadiene rubber | SBR |
| - Isoprene rubber | IR |
| - Butadiene rubber | SBR |
| - or a mixture of the above polymers, e.g. | NR/SBR |
| - High Temperature Belts | EPDM |

8.2 - Splicing Material for Fabric Ply Belts



Top/bottom Cover for Fabric Standard Belts

Polymer IR/BR
 Specific weight 1.12 g/cm³
 Abrasion 120 mm³

Ref. No.	Designation	Dimensions	Thickness	Unit
5380062	Cover rubber	500 x 17 800 mm	1 mm	10 kg Roll
5380000		500 x 9 000 mm	2 mm	
5380017		500 x 6 000 mm	3 mm	
5380024		500 x 4 500 mm	4 mm	
5380031		500 x 3 300 mm	5 mm	
5380048		500 x 2 800 mm	6 mm	

Cover rubber S, uncured Flame Retardent Belts Flame resistant

Polymer BR/NR/SBR
 Specific weight 1.29 g/cm³
 Abrasion 130 mm³
 Electric resistance Antistatic

Ref. No.	Designation	Dimensions	Thickness
5380134	Cover rubber S	500 x 15 400 mm	1 mm
5380103		500 x 7 700 mm	2 mm
5380093		500 x 5 100 mm	3 mm
5380110		500 x 3 800 mm	4 mm
5380127		500 x 3 300 mm	5 mm

**Cover rubber HR, uncured
Heat Resistant Belts**
max.110°C
short peaks up to 130°C

Polymer IR/BR
Specific weight 1.12 g/cm³
Abrasion 60 mm³



Ref. No.	Designation	Dimensions	Thickness
5380079	Cover rubber HR	500 x 18 000 mm	1 mm
5380206		500 x 9 200 mm	2 mm
5380196		500 x 6 000 mm	3 mm
5380213		500 x 4 500 mm	4 mm
5380220		500 x 3 600 mm	5 mm
5380237		500 x 3 000 mm	6 mm

**Intermediate rubber uncured
Standard/HR/S- quality**



Red protection foil (poly). Width as shown.

Ref. No.	Designation	Dimensions	Thickness	Weight
5380316	Intermediate rubber strips (tie gum) For Standard/HR /S-quality. White protection foil(poly)	500 x 10 300mm	0.8 mm	5 kg

8.3 - Splicing material for Steel cord Belts

Intermediate rubber STZ, uncured

Red protection foil (poly).

Ref. No.	Designation	Dimensions	Thickness	Unit
5380921	Intermediate rubber STZ	500 x 33 000 mm	0.5 mm	10 kg Roll
5380897		500 x 16 400 mm	1 mm	
5380907		500 x 8 200 mm	2 mm	

Intermediate rubber strips STZ(noodles), uncured

Packing : 2 kg Boxes.

Ref. No.	Designation	Dimensions	Unit
5440050		2 x 5 mm	19 pc of aprox. 8200 mm L
5440060		2,5 x 5 mm	19 pc of aprox. 6800 mm L
5440050		2 x 6 mm	17 pc of aprox. 8200 mm L
5440160		2,5 x 6 mm	17 pc of aprox. 6800 mm L
5440200		2 x 7 mm	14 pc of aprox. 8200 mm L
5440270		2 x 8 mm	12 pc of aprox. 8200 mm L
5440280		2,5 x 8 mm	12 pc of aprox. 6800 mm L
5440350		2 x 9 mm	11 pc of aprox. 8200 mm L
5440360		2,5 x 9 mm	11 pc of aprox. 6800 mm L
5440430		2 x 10 mm	10 pc of aprox. 8200 mm L
5440440		2,5 x 10 mm	10 pc of aprox. 6800 mm L
5440510		2 x 11 mm	9 pc of aprox. 8200 mm L
5440520		2,5 x 11 mm	9 pc of aprox. 6800 mm L
5440600		2 x 12 mm	8 pc of aprox. 8200 mm L
5440610		2,5 x 12 mm	8 pc of aprox. 6800 mm L
5440680		2 x 13 mm	8 pc of aprox. 8200 mm L
5440690		2,5 x 13 mm	8 pc of aprox. 6800 mm L

Splicing material for Steel cord Belts

Cover rubber STB, uncured

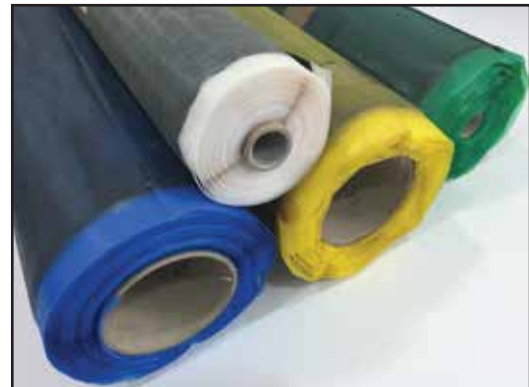
Polymer	IR/BR
Specific weight	1.12 g/cm ³
Abrasion	100 mm



Ref. No.	Designation	Dimensions	Thickness
5380055	Cover rubber STB	500 x 17 800 mm	1 mm
5380505		500 x 9 000 mm	2 mm
5380464		500 x 6 000 mm	3 mm
5380471		500 x 4 500 mm	4 mm
5380488		500 x 3 300 mm	5 mm
5380495		500 x 2 800 mm	6 mm

FaBa Splicing material- Fabric Ply

Part No.	Description	Kg
4750000008	Rubber, Skim Rubber 0.8 x 500mm	10kg
4750000020	Rubber, Skim Rubber 2 x 500mm	10kg
4750000030	Rubber, Skim Rubber 3 x 500mm	10kg
4750000040	Rubber, Skim Rubber 4 x 500mm	10kg



8.4 - Silicon Paper

Part No.	Description	Thickness	Roll
4680003500	Silicon Paper 500mm x 35mtr		(per mtr)
4042991414	Vulcanizing Cloth 1550mm wide	0.5 mm	
4042991165	Vulcanizing Cloth 1450mm wide	1 mm	
4042991369	Industrial felt	3 mm	
4042991371	Antistatic teflon glass fiber fabric		
4042991267	Silicon paper 1000mm wide		
4042991370	Permanent adhesive teflon fiber glass fabric		



8.5 - Splice Kit - Cold Vulcanising for Fabric Ply

Part No.	Belt width	Content	Unit
3797050065	Belt width 500mm upto 650	* 2 - 4 Brushes * 1 Bucket * 1-2 FA-900E with Hardener * Repair Strip 100mm x 2.2mm, length =2 x Belt with * Splicing Manuel	Kit
3797065080	Belt width 650mm upto 800		
3797080100	Belt width 800mm upto 1000		
3797100120	Belt width 1000mm upto 1200		
3797120140	Belt width 1200mm upto 1400		
3797140160	Belt width 1400mm upto 1600		
3797160180	Belt width 1600mm upto 1800		
3797180200	Belt width 1800mm upto 2000		
3797200220	Belt width 2000mm upto 2200		
3797220240	Belt width 2200mm upto 2400		

Splice Kit - Hot Vulcanising for Fabric Ply

3798050065	Belt width 500mm upto 650	* 2-4-6 Brushes * 1 Bucket * 1-2-3 Vulcanizing Solution * 1-2-3 mtr. Silicon Paper * 0.9 -1.8-2.7mtr Skim Rubber 0.8 * 1.8-4-6mtr Cover Rubber 2-3-4mm * Splicing Manuel	Kit
3798065080	Belt width 650mm upto 800		
3798080100	Belt width 800mm upto 1000		
3798100120	Belt width 1000mm upto 1200		
3798120140	Belt width 1200mm upto 1400		
3798140160	Belt width 1400mm upto 1600		
3798160180	Belt width 1600mm upto 1800		
3798180200	Belt width 1800mm upto 2000		
3798200220	Belt width 2000mm upto 2200		
3798220240	Belt width 2200mm upto 2400		

Splice Kit - Cold Vulcanising for T-Flex

3799050065	Belt width 500mm upto 650	* 2-4-6 Brushes * 1 Bucket * 1-2-3 Vulcanizing Solution * 1-2-3 mtr. Silicon Paper * 0.9 -1.8-2.7mtr Skim Rubber 0.8 * 1.8-4-6mtr Cover Rubber 2-3-4mm * Splicing Manuel	Kit
3799065080	Belt width 650mm upto 800		
3799080100	Belt width 800mm upto 1000		
3799100120	Belt width 1000mm upto 1200		
3799120140	Belt width 1200mm upto 1400		
3799140160	Belt width 1400mm upto 1600		
3799160180	Belt width 1600mm upto 1800		
3799180200	Belt width 1800mm upto 2000		
3799200220	Belt width 2000mm upto 2200		
3799220240	Belt width 2200mm upto 2400		