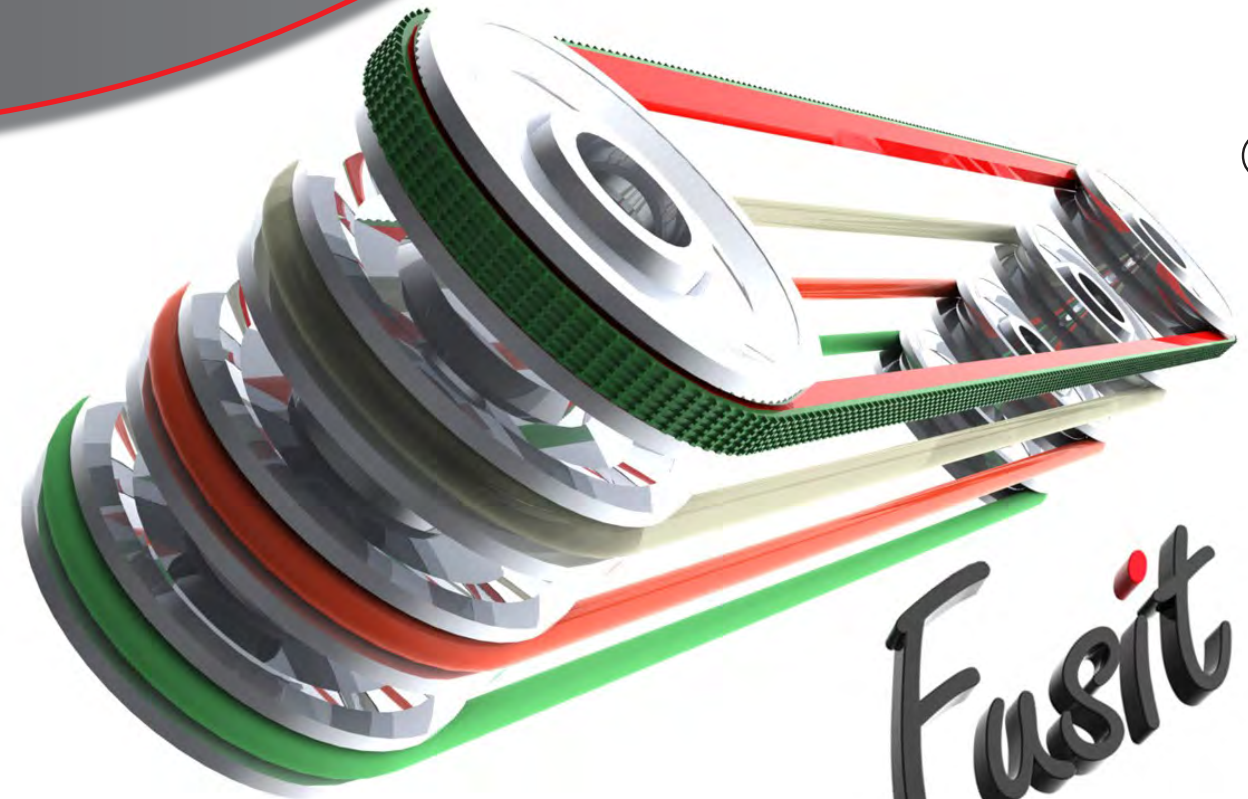


F&D

O'CONNOR PTY LTD

Lightweight Conveyor Belting and Power Transmission Specialists

Fusit Belting

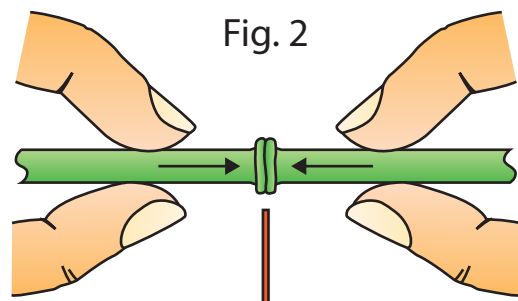
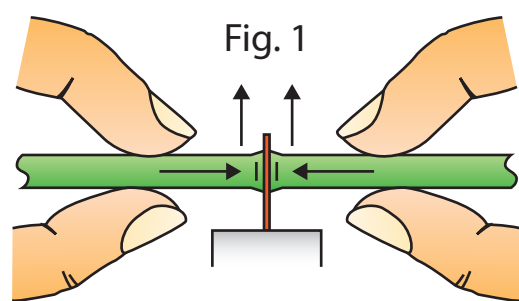


Fusit

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Joining Instructions

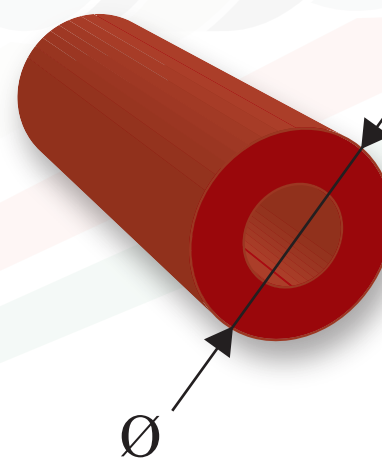
1. Determine length of belt by measuring over pulleys on the bottom of the grooves.
2. Deduct 10% for pre-stretch and cut ends square.
3. Ensure heating tool and belt ends are clean. Hold belt ends against heating element - heated to ~140°C.
4. Wait until ends melt and swell slightly (Fig. 1).
5. Remove from heat and press belt ends together firmly for 60 seconds until cool (Fig. 2).
6. When completely cool trim excess material around join.



Section

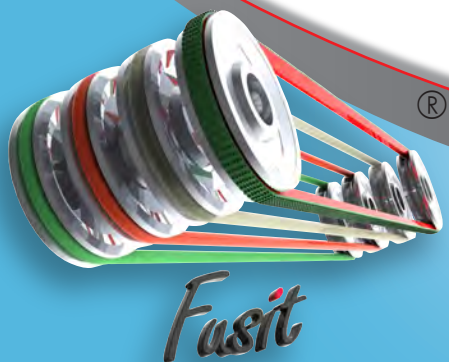
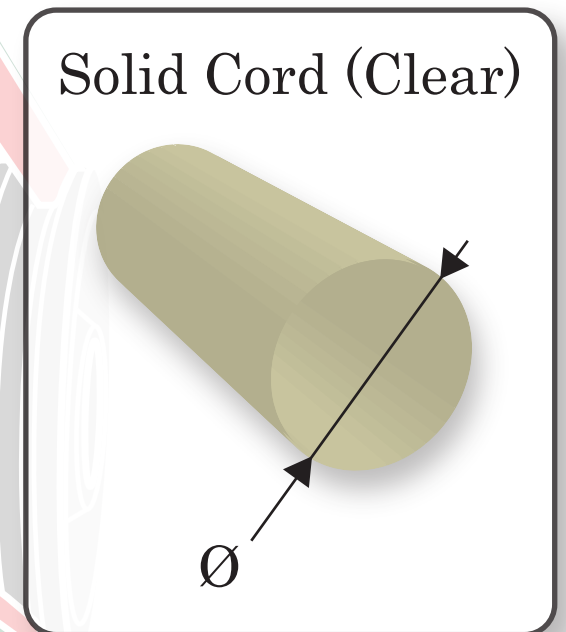
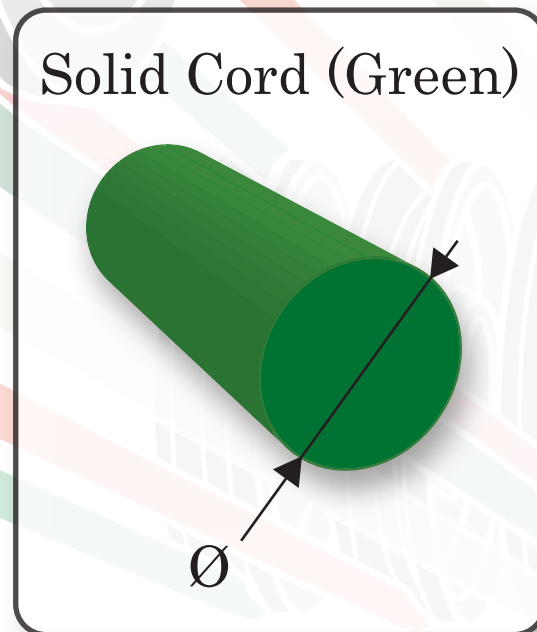
	Fusit T5	Fusit T6	Fusit T8	Fusit T10	Fusit T12
Diameter Ø (mm)	5	6	8	10	12
Hardness (Shore A)	82	82	82	82	82
Min Pulley Diameter (mm)	40	48	64	80	96
Min Operating Temp (°C)	-30	-30	-30	-30	-30
Max Operating Temp (°C)	60 - 80	60 - 80	60 - 80	60 - 80	60 - 80
Co-efficient of Friction (u)	0.5	0.5	0.5	0.5	0.5
Material	PU	PU	PU	PU	PU
Colour	Red	Red	Red	Red	Red
Food Approval	No	No	No	No	No

Tubular Cord



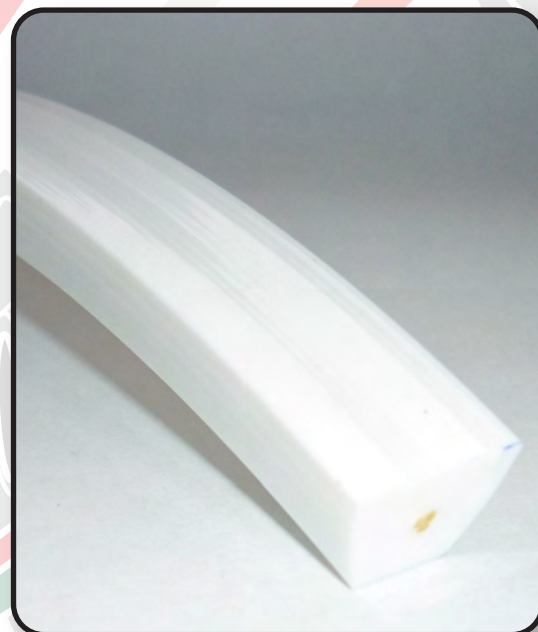
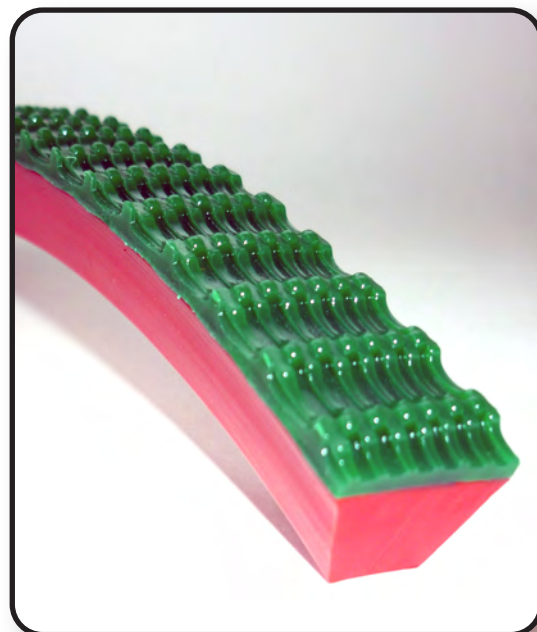
Fusit Belting

	Fusit 2		Fusit 2.5		Fusit 3		Fusit 3.5		Fusit 4		Fusit 5		Fusit 6		Fusit 6.3		Fusit 7		Fusit 8		Fusit 9		Fusit 10		Fusit 12		Fusit 15		Fusit 18		Fusit 20			
Section																																		
Diameter Ø (mm)	2		2.5		3		3.5		4		5		6		6.3		7		8		9		10		12		15		18		20			
Hardness (Shore A)	92	82	92	82	92	82	92	82	92	82	92	82	92	82	92	82	92	82	92	82	92	82	92	82	92	82	92	82	92	82	92	82	92	82
Min Pulley Diameter (mm)	16		20		24		28		32		40		48		50		56		61		72		80		96		120		144		160			
Min Operating Temp (°C)	-30		-30		-30		-30		-30		-30		-30		-30		-30		-30		-30		-30		-30		-30		-30		-30			
Max Operating Temp (°C)	60 - 80		60 - 80		60 - 80		60 - 80		60 - 80		60 - 80		60 - 80		60 - 80		60 - 80		60 - 80		60 - 80		60 - 80		60 - 80		60 - 80		60 - 80		60 - 80			
Co-efficient of Friction (u)	0.5		0.5		0.5		0.5		0.5		0.5		0.5		0.5		0.5		0.5		0.5		0.5		0.5		0.5		0.5		0.5			
Material	PU		PU		PU		PU		PU		PU		PU		PU		PU		PU		PU		PU		PU		PU		PU		PU			
Colour	Grn	Clr	Grn	Clr	Grn	Clr	Grn	Clr	Grn	Clr	Grn	Clr	Grn	Clr	Grn	Clr	Grn	Clr	Grn	Clr	Grn	Clr	Grn	Clr	Grn	Clr	Grn	Clr	Grn	Clr	Grn	Clr	Grn	Clr
Food Approval	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes



Fusit Belting

	K6, K7, K8	M/Z/K10 Section	A Section	A Extended	A High Ridge	B Section	C Section	Twin V	Grip Top	Super Grip Top	Reinforced	Diamond Top	Reinforced Diamond
Section													
Profile Sizes (mm / Section)	6x4 7x4 8x5	M/Z	A	A	A	B	C	M A Z	ZM A B C	ZM A B C	ZM A B C	A B C	A B C
Min Pulley Diameter (mm)	32 32 40	56	64	80	80	104	136	56 64 56	56 64 104 136	56 64 104 136	56 64 104 136	64 104 136	64 104 136
Hardness (Shore A)	92	92	92	92	92	92	92	92	92	92	92	92	92
Min Operating Temp (°C)	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30
Max Operating Temp (°C)	60 - 80	60 - 80	60 - 80	60 - 80	60 - 80	60 - 80	60 - 80	60 - 80	60 - 80	60 - 80	60 - 80	60 - 80	60 - 80
Co-efficient of Friction (u)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Material	PU	PU	PU	PU	PU	PU	PU	PU	PU	PU	PU	PU	PU
Colour	White	White	White	White	White	White	White	White	Red/Green	Red/Green	White	White	White
Food Approval	No	No	No	No	No	No	No	No	No	No	No	No	No



Other sections are available -
Please contact us for more information.

