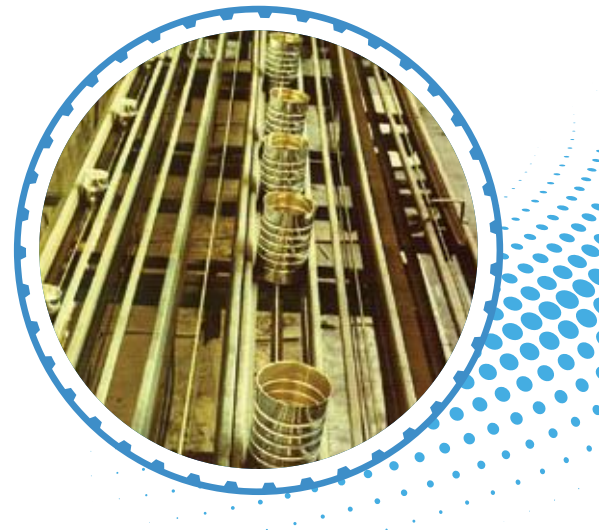


# RCW - Can Cable

Volta's RCW Can Cable is a round profile made from a unique low friction and abrasion resistant material with high strength. Three versions are available; Polyester or Kevlar reinforced or with a steel core.

The first two versions can be made endless on a continuous conveying system with Volta's standard butt-welding tools or overlap-welded with the EZ Overlap Welding Tool for maximum carrying capacity.

The steel core version is available in rolls up to 500 metres in length and requires crimping or special splicing.



Polyester Reinforced - RCW - Can Cable								
	RCW 9.5				RCW 12.5			
Splice Type	BUTT		OVERLAP		BUTT		OVERLAP	
Drill Bit	II		II		II		II	
	Metric	English	Metric	English	Metric	English	Metric	English
Belt Diameter	9.5 mm	3/8"	9.5 mm	3/8"	12.5 mm	1/2"	12.5 mm	1/2"
Minimum Pulley Diameter (MPD)	150 mm	6"	250 mm	10"	200 mm	8"	300 mm	12"
Net Pull Force at:	kg	lb	kg	lb	kg	lb	kg	lb
0.5 %	20	43	20	43	21	45	21	45
1.0 %	40	87	40	87	42	91	42	91
1.5 %	60	130	60	130	62	137	62	137
2.0 %	80	175	80	175	83	183	83	183
2.5 %	NR	NR	100	220	104	228	104	228
3.0 %	NR	NR	120	263	NR	NR	124	273


## Easy Overlap Welding Kit for the Best Weld Possible

### VaR Easy Overlap Welding Kit

110 V Catalog # 8140016  
230 V Catalog # 8140019



The VaR Easy Overlap Welding Kit provides easy, accurate and strong connections for Volta reinforced profiles. Dies are available to adapt the Pliers to weld most "V" and Round sizes, Ridge-Top, Super-Grip, Multi-Grip and Double-V.

 The kit does not include dies. Order specific dies based on the belts size you intend to weld.

## Butt Welding Tools



**Universal Welder-50mm/2"**  
WU-1 110 V Catalog # 8111203  
WU-2 230 V Catalog # 8111204



**Lowe Cutter**  
Catalog # 81533010



**D-11 Driller Set**  
Catalog # 8151600



**F-51 Pliers**  
Catalog # 8130201

# FRG - Flat Belts for Magnetic Elevators



Volta's FRZ-2 flat belt is a reinforced general-purpose belt that combines a high resistance to cuts and abrasion with a low-friction base layer for enhanced carrying capacity. The belt is thin to maximize magnetic strength, yet it has the following advantages:

- | Highly resistant to abrasion and impact
- | Resistant to industrial oils and chemicals
- | Excellent flexibility
- | Non-marking
- | Easily cleaned
- | High carrying capacity
- | Ease of installation - Using VOLTA tools, the belt is made endless in minutes without disassembling the conveyor. Belts with under 200mm width can be joined easily with a hand-held welder and the belt can be supplied precut to the required width. Belts suffering from accidental cuts can be repaired and planned maintenance is far more predictable.



Technical Data			
		FRG-2	
		Metric	English
Thickness		2 mm	5/64"
Minimum Pulley Diameter	Normal Flex	27 mm	1 1/16"
	Back Flex	50 mm	2"
Net Pull Force at pretension of:		kg/cm	lbs/in
0.5 %		3	17
1.0 %		6	33.5
1.2 %		7.8	43.5

## Butt Welding Tools for Narrow Flat Belts



### Pliers P-200

For welding belts up to 200 mm (8") wide.  
Catalog # 8130310



### Welder W-241N / W-242N

For welding belts up to 200 mm (8") wide.  
W-241N - 110V Catalog # 81113046N  
W-242N - 230V Catalog # 81113047N



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