

**PVC CONVEYOR BELTING**

**BELT CONSTRUCTION**

Conveying Side	Coating	PVC 45 A		
	Thickness	1.20 mm	0.0472	in
	Color	Grey		
	Profile	Longitudinal ribbed		
Carcass	No. Plies	3		
	Weft	Extra rigid		
	Material	Whisper weave (PET multifilament)		
Pulley Side	Coating	PVC impregnation		
	Thickness	---	---	in
	Profile	Fabric (low noise)		
	Color	White		

**COMPLIANCES**

**TECHNICAL SPECIFICATIONS**

Overall gauge	4.40 mm	0.1732	in
Weight	4.7 kg/m <sup>2</sup>	0.9626	lbs/ft <sup>2</sup>
Elongation at 1%	13 N/mm	74	lbs/in
Max elongation	26 N/mm	148	lbs/in
Temperature Range (continuous)	Minimum	Maximum	
	20 °F	160	°F
Minimum Pulley (for a hot endless Belt)	Front Flex	Back Flex	
	4.1 in	4.9	in
Coefficient of friction	Smooth Stainless	0.20	
	Hot Laminated	0.2	
Maximum width	2000 mm	78.74	in

**RECOMMENDED ENDLESSING PROCEDURE**

Type of splice	Straight finger over finger		
Finger length	80	mm	
Finger width	20	mm	
Upper platen	177	°C	
Lower platen	170	°C	
Dwell time	3	min	
Cool to	70	°C	
Pressure	1.3	Bar	
Press assembly			
1	Top platen	All Splicing procedures developed on the <b>Novitool® Aero® Splice Press</b>	
2	LR profile pad		
3	Prepared belt		
4	Silicon cloth		
5	Bottom platen		

**ACCEPTABLE PROCESS LAYOUTS**

Metal Detectors	No
Permanently Antistatic	Yes
Static conductive	No
Slider bed	Yes
Roller bed	Yes
Sliding on return side	No
Swan neck conveying	No
Accumulator conveying	No
Incline conveying	Yes
Troughed conveying	No
Curved conveying	No
Chemical Resistance	3

**RECOMMENDED MECHANICAL FASTNER**

Clipper® G Series™	G005
Alligator® Staple	RS62
Alligator®	1

\* Fastener manufacture should be consulted as not all recommended mechanical fastneres will work for every application

**SUITABLE APPLICATIONS**

High grip top cover
Low noise pulley side fabric
Incline conveying

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