

PVC CONVEYOR BELTING

BELT CONSTRUCTION

Conveying Side	Coating	PVC 45 A		
	Thickness	3.20	mm	0.1260 in
	Color	Royal Blue		
	Profile	Rough top		
Carcass	No. Plies	2		
	Weft	Rigid		
	Material	Polyester multifilament		
Pulley Side	Coating	PVC impregnation		
	Thickness	---	mm	---
	Profile	Fabric		
	Color	White		

COMPLIANCES

REACH Compliant
FDA

TECHNICAL SPECIFICATIONS

Overall gauge	4.70	mm	0.1850	in
Weight	3.7	kg/m ²	0.7578	lbs/ft ²
Elongation at 1%	10	N/mm	57	lbs/in
Max elongation	18	N/mm	103	lbs/in
Temperature Range (continuous)	Minimum		Maximum	
	0	°F	160	°F
	-18	°C	71	°C
Minimum Pulley (for a hot endless Belt)	Front Flex		Back Flex	
	1.2	in	3.9	in
	30	mm	100	mm
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	175	°C	
Lower platen	167	°C	
Dwell time	3.5	min	
Cool to	65	°C	
Pressure	1.3	Bar	
Press assembly			
1	Top platen	All Splicing procedures developed on the Novitool® Aero® Splice Press	
2	RT 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	2

RECOMMENDED MECHANICAL FASTNER

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

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

SUITABLE APPLICATIONS

High grip top cover for incline conveying
Easy to fabricate
Machine profile granting longer grip life

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