

PVC CONVEYOR BELTING

BELT CONSTRUCTION

Conveying Side	Coating	PVC 45 A		
	Thickness	1.20	mm	0.0472 in
	Color	Black		
	Profile	Inverted Diamond		
Carcass	No. Plies	1		
	Weft	Rigid		
	Material	Spun		
Pulley Side	Coating	PVC impregnation		
	Thickness	---	mm	---
	Profile	Fabric		
	Color	White		



COMPLIANCES

REACH Compliant
Flame retardent per ASTM D 378-10

TECHNICAL SPECIFICATIONS

Overall gauge	2.10	mm	0.0827	in
Weight	2.1	kg/m ²	0.4301	lbs/ft ²
Elongation at 1%	8.0	N/mm	46	lbs/in
Max elongation	12	N/mm	68	lbs/in
Temperature	Minimum		Maximum	
Range (continuous)	0	°F	160	°F
	-18	°C	71	°C
Minimum Pulley (for a hot endless Belt)	Front Flex	Back Flex		
	0.6	in	1.0	in
	15	mm	25	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		
Finger length	80	mm	
Finger width	20	mm	
Upper platen	175	°C	
Lower platen	160	°C	
Dwell time	3	min	
Cool to	70	°C	
Pressure	1.3	Bar	
Press assembly			
1	Top platen	All Splicing procedures developed on the Novitool® Aero® Splice Press	
2	ID 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™	G005A
Alligator® Staple	---
Alligator®	00

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

SUITABLE APPLICATIONS

High friction cover
Easy to fabricate

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