

PVC CONVEYOR BELTING

BELT CONSTRUCTION

Conveying Side	Coating	PVC impregnation			
	Thickness	---	mm	---	in
	Color	Black			
	Profile	Fabric			
Carcass	No. Plies	2			
	Weft	Rigid			
	Material	Polyester multifilament			
Pulley Side	Coating	PVC impregnation			
	Thickness	---	mm	---	in
	Profile	Fabric			
	Color	Black			



COMPLIANCES

REACH Compliant

TECHNICAL SPECIFICATIONS

Overall gauge	1.50	mm	0.0591	in
Weight	2	kg/m ²	0.4096	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	
	20	°F	180	°F
	-7		82	
	°C		°C	
Minimum Pulley (for a hot endless Belt)	Front Flex		Back Flex	
	1.2	in	1.2	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	170	°C	
Lower platen	170	°C	
Dwell time	1.5	min	
Cool to	70	°C	
Pressure	2.0	Bar	
Press assembly			
1	Top platen	All Splicing procedures developed on the Novitool® Aero® Splice Press	
2	Silicon cloth		
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	Yes
Incline conveying	No
Troughed conveying	No
Curved conveying	No
Chemical Resistance	2

RECOMMENDED MECHANICAL FASTNER

Clipper® Wire Hook	UCM36SLSP
Alligator® Staple	RS62
Alligator®	00

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

SUITABLE APPLICATIONS

Accumulation
Easy to fabricate
Low friction

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