

PVC CONVEYOR BELTING

BELT CONSTRUCTION

Conveying Side	Coating	PVC 80A		
	Thickness	1.30	mm	0.0512 in
	Color	Black		
	Profile	Matte		
Carcass	No. Plies	2		
	Weft	Rigid		
	Material	Polyester multifilament		
Pulley Side	Coating	PVC impregnation		
	Thickness	---	mm	---
	Profile	Fabric		
	Color	Black		



COMPLIANCES

REACH Compliant
FR per ASTM D 378-10

TECHNICAL SPECIFICATIONS

Overall gauge	3.00	mm	0.1181	in
Weight	3.4	kg/m ²	0.6964	lbs/ft ²
Elongation at 1%	12	N/mm	68	lbs/in
Max elongation	20	N/mm	114	lbs/in
Temperature Range (continuous)	Minimum		Maximum	
	0	°F	180	°F
	-18		82	
	°C		°C	
Minimum Pulley (for a hot endless Belt)	Front Flex		Back Flex	
	2.0	in	3.1	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	178	°C	
Lower platen	174	°C	
Dwell time	2	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	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	No
Incline conveying	No
Troughed conveying	No
Curved conveying	No
Chemical Resistance	2

RECOMMENDED MECHANICAL FASTNER

Clipper® G Series™	G005
Alligator® Staple	RS125
Alligator®	7

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

SUITABLE APPLICATIONS

General conveying
Easy to fabricate

DISCLAIMER:

Uniband USA provides data and specifications, written and verbal, as a service to its customers as operating conditions and conveyor design vary, system to system, no representation or warranty is made or implied by Uniband USA that the representative data and specification provided herein are applicable to any individual system. Uniband USA does not assume any liability whatsoever in regard to its use. The buyer of the Uniband USA products should determine for itself the suitability of such products for the particular purpose of the buyer of the specific uses to which the product will be applied.