

**PVC CONVEYOR BELTING**

**BELT CONSTRUCTION**

Conveying Side	Coating	NR3 78A		
	Thickness	4.00	mm	0.1575 in
	Color	Black		
	Profile	Mini Z		
Carcass	No. Plies	2		
	Weft	Rigid		
	Material	Polyester multifilament		
Pulley Side	Coating	PVC impregnation		
	Thickness	---	mm	---
	Profile	Fabric		
	Color	Black		

**COMPLIANCES**  
REACH Compliant

**TECHNICAL SPECIFICATIONS**

Overall gauge	5.50	mm	0.2165	in
Weight	3.8	kg/m <sup>2</sup>	0.7783	lbs/ft <sup>2</sup>
Elongation at 1%	12	N/mm	68	lbs/in
Max elongation	20	N/mm	114	lbs/in
Temperature Range (continuous)	Minimum		Maximum	
	-10	°F	170	°F
	-23	°C	77	°C
Minimum Pulley (for a hot endless Belt)	Front Flex		Back Flex	
	3.9	in	5.9	in
	100	mm	150	mm
Coefficient of friction	Smooth Stainless		0.20	
	Hot Laminated		0.2	
Maximum width	2032	mm	80	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	177	°C	
Dwell time	3.5	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	MZ profile pad		
3	Prepared belt		
4	Silicon cloth		
5	Bottom platen		

**ACCEPTABLE PROCESS LAYOUTS**

Metal Detectors	Yes
Permanently Antistatic	No
Static conductive	No
Slider bed	Yes
Roller bed	Yes
Sliding on return side	No
Swan neck conveying	Yes
Accumulator conveying	No
Incline conveying	Yes
Troughed conveying	No
Curved conveying	No
Chemical Resistance	1

**RECOMMENDED MECHANICAL FASTNER**

Clipper® G Series™	G006A
Alligator® Staple	RS62
Alligator®	7

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

**SUITABLE APPLICATIONS**

Incline

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