

NR3 CONVEYOR BELTING

BELT CONSTRUCTION

Conveying Side	Coating	NR3 35 A			
	Thickness	1.10	mm	0.0433	in
	Color	Reef Green			
	Profile	Longitudinal ribbed			
Carcass	No. Plies	2			
	Weft	Rigid			
	Material	Polyester multifilament			
Pulley Side	Coating	PU impregnation			
	Thickness	---	mm	---	in
	Profile	Fabric			
	Color	Black			

COMPLIANCES

REACH Compliant
FR per ASTM D 378-10

TECHNICAL SPECIFICATIONS

Overall gauge	2.50	mm	0.0984	in
Weight	2.8	kg/m ²	0.5735	lbs/ft ²
Elongation at 1%	14	N/mm	80	lbs/in
Max elongation	24	N/mm	137	lbs/in
Temperature Range (continuous)	Minimum		Maximum	
	0	°F	150	°F
	-18	°C	66	°C
Minimum Pulley (for a hot endless Belt)	Front Flex		Back Flex	
	2.0	in	2.6	in
	50	mm	65	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	177	°C	
Lower platen	170	°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	LR 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	1

RECOMMENDED MECHANICAL FASTNER

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

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

SUITABLE APPLICATIONS

High grip top cover
Cover retains grip when in contact with water
Incline conveying
PU impregnated pulley fabric

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