

**NR3 CONVEYOR BELTING**

**BELT CONSTRUCTION**

Conveying Side	Coating	NR3 80A		
	Thickness	0.80	mm	0.0315 in
	Color	Black		
	Profile	Matte		
Carcass	No. Plies	3		
	Weft	Extra rigid		
	Material	Whisper weave (PET multifilament)		
Pulley Side	Coating	PVC impregnation		
	Thickness	---	mm	---
	Profile	Fabric		
	Color	White		

**COMPLIANCES**  
REACH Compliant

**TECHNICAL SPECIFICATIONS**

Overall gauge	4.50	mm	0.1772	in
Weight	5	kg/m <sup>2</sup>	1.0241	lbs/ft <sup>2</sup>
Elongation at 1%	14	N/mm	80	lbs/in
Max elongation	28	N/mm	160	lbs/in
Temperature Range (continuous)	Minimum		Maximum	
	0	°F	170	°F
	-18		77	
	°C		°C	
Minimum Pulley (for a hot endless Belt)	Front Flex		Back Flex	
	3.0	in	4.7	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	Step
Upper platen	177 °C
Lower platen	177 °C
Dwell time	2.75 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 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	Yes
Accumulator conveying	No
Incline conveying	No
Troughed conveying	No
Curved conveying	No
Chemical Resistance	1

**RECOMMENDED MECHANICAL FASTNER**

Clipper® G Series™	---
Alligator® Staple	RS125
Alligator®	20

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

**SUITABLE APPLICATIONS**

Wet food  
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.