

# BELTING SPECS AND SPLICING INSTRUCTIONS

## **Mesh Range**

### **Universal Belting Resource**

Phone: 800-928-9995

**Email: Customers@Ubelting.com** 

Address: 2 Industrial Park Rd., Carmichaels PA 15320



## UBR UNIVERSAL BELTING RESOURCE Industrial Lightweight Belting

**Product Data Sheet** 

<b>570100</b> BLUE ME							SH 2X2 M					lesh		
	al Construct	tion				1								
ឆ្នាំ <sub>C</sub> Material Warp and Weft			Veft Polyester											
Conveying Sur- face & Underside	Wire Diameter			1.00 mm			3							
/ing : Jnde	Finish			Gloss			-							
Sur- rside	Color			Blue										
	Mesh Count Warp				3.33 per cm		2							
	Mesh Count We	ft		3.33 per cm										
7	Mesh Opening V	Mesh Opening Warp			2.00 mm									
Mesh Data	Mesh Opening Weft			2.00 mm										
Data	Air Permeability	dp=200 Pa D	IN EN 9237				#							
		dp=127 Pa ISO 4022												
	Open Area	44%												
Tochn	ical Specific	ations				Material Build								
			20	0.070:										
Overall thickness 2.00 mm				0.079 in. 0.14 lbs.,	/ <del>(+</del> 2	Ø1.00mm ──								
Weight 0.70 kg/m <sup>2</sup>				114.000 in.		1								
Maximum width 2,896 mm 114.000 in.  Minimum pulley/Nose bar Diameter					2.00mm	1	1		A					
for recommended Joint 100 mm 3.937 in.						<b>†</b>								
Minimum back flex 150 mm 5.906 in.														
Load for 1% extension (Dynamic) 8 N/mm 45.68 lbs./in.														
Standard 1	tension			0.5 %		Splicing	Instruc	ctions						
Operation	nal temperature ra	ange 0/	'80 °C	32/176 °F	=	High Speed Press Settings								
Featur	res					Pressure	Temp	erature	Press	E. II D. Jiller	Eoil	Release Top/		
FDA		YES	Anti-Static		NO	(psi)	Тор	Bottom	Time	Foil Position	Foil	Bottom		
USDA Me	at and Poultry	NO	USDA Dairy	/	NO		140°C	140°C				D 1 T G /		
Standard Fabrications					10	284°F	284°F	30 s	N/A	None	Rough Teflon/ Rough Teflon			
Endless Splice YES Cleats				YES										
Guide app			Guide appl	ied to bottom	YES		W	ater Co	ooled P	ress Settin	ıgs			
Footed Sid			Footless sid	dewall	NO	Pressure	Temperature		Press	ress Foil Position		Release Top/		
Edge capped REQUIRED Plastic Rive		et Lace	YES	(psi)	Тор	Bottom	Time	TOIL FOSITION	Foil	Bottom				
Notes 2mm x 2mm Open Mesh					140°C	140°C				Rough Toffon/				
		for dewatering and vegetable processing applications.		10	284°F	284°F	10 s	N/A	None	Rough Teflon/ Rough Teflon				
		ng is required on all sides, under												
all cleats and V-guides, and			will be at least 1.5" wide.		Standard Splices									
									Singer Fing	nger				
						Clipper Lace UX1LL				Taraba and the same of the sam				
	*Minimum pulley diameters can vary when mechanical lace is installed. Contact our technical team for any fabrication or application questions.											NIBA		



## UBR UNIVERSAL BELTING RESOURCE Industrial Lightweight Belting

**Product Data Sheet** 

<b>570105</b> BLUE M						ESH 1X1					N	lesh		
Materi	ial Construc	tion												
ਕੂੰ <sub>O</sub> Material Warp and Weft				Polyester										
Conveying Sur- face & Underside	Wire Diameter			0.80 mm										
	Finish			Gloss		March 1997 1997 1997								
Sur- rside	Color			Blue		and the second s								
	Mesh Count Wa	5.30 per cm												
	Mesh Count We	esh Count Weft			5.20 per cm							ACTION OF THE TOTAL OF T		
< <	Mesh Opening Warp			1.00 mm										
Mesh Data	Mesh Opening Weft			1.10 mm										
Data	Air Permeability	Permeability dp=200 Pa DIN EN 9237			7500 I/m²s									
	CFM dp=127 Pa	CFM dp=127 Pa ISO 4022			1150 CFM									
	Open Area			30%		Material Build						######################################		
Techn	ical Specific	ations				Materia	Dullu							
	•		40 mm	0.055 in.										
Overall thickness $1.40 \text{ mm}$ Weight $0.80 \text{ kg/m}^2$			0.16 lbs.,	/ft²	Ø0.80mm —									
Weight         0.80 kg/m²           Maximum width         3,000 mm				118.110 in.		1.40mm								
Minimum nulley/Nose har Diameter					1.40mm									
for recommended Joint 130 mm 5.118 in.						1								
Minimum	Minimum back flex 200 mm 7.874 in.													
Load for 1	Load for 1% extension (Dynamic) 6 N/mm 34.26 lbs./in.						Instruc	rtions						
Standard				0.5 %		Splicing								
Operational temperature range 0/80 °C 32/176 °F						High Speed Press Settings								
Featur	res					Pressure	Temp	erature	Press	Foil Position	Foil	Release Top/		
FDA		YES	Anti-Static		NO	(psi)	Тор	Bottom	Time			Bottom		
USDA Me	eat and Poultry	NO	USDA Dair	, NO			140°C	140°C				Rough Teflon/		
Standard Fabrications						10	284°F	284°F	30 s	N/A	None	Rough Teflon		
Endless Sp	Endless Splice YES Cleats		Cleats		YES		14	lator C	aalad Di	ress Settin	ogc.			
Guide app	olied to cover	YES	Guide app	lied to bottom	YES				Joieu Pi	ess settii	igs			
Footed Sid	Footed Sidewall YES Footless si		dewall	NO	Pressure	-	erature	Press	Foil Position	Foil	Release Top/ Bottom			
Edge capp	Edge capped REQUIRED Plastic Riv		et Lace	YES	(psi)	Тор	Bottom	Time			BOLLOIII			
Notes	Notes 1mm x 1mm Open Mesh				10	140°C	140°C	10 s	N/A	None	Rough Teflon/			
_		egetable processing applications.		10	284°F	284°F	103	N/A	None	Rough Teflon				
Note: Urethane edge cappi all cleats and V-guides, and			ng is required on all sides, under will be at least 1.5" wide.		*These settings are a guideline only, every press is different. Test splicing is recommended.									
						Standard Splices								
					Endless			Singer Finger						
*Minimum	*Minimum pulley diameters can vary when mechanical lace is installed. Contact our technical team for any						Clipper Lace UX1LL							
*Minimum pulley diameters can vary when mechanical lace is installed. Contact our technical team for any fabrication or application questions.						Staple Lace RS62						NIBA Tria Balting Assessitation		



# UBR UNIVERSAL BELTING RESOURCE Industrial Lightweight Belting

**Product Data Sheet** 

								Prout	ici Dati	a Sheet			
5	70110		BL	<b>BLUE MESH 4X4</b>				Mesh					
Materi	ial Construct	tion											
fa	Material Warp and Weft			Polyester							甜		
Conveying Sur- face & Underside	Wire Diameter			1.00 mm				期間	期間		囯		
	Finish			Gloss			i					罪	
Sur- rside	Color	or			Blue		并						
	Mesh Count Wa	rp		2.00 per cm								丰	
	Mesh Count We			2.00 per cm			H						
7	Mesh Opening V	Opening Warp			4.00 mm								
Mesh Data	Mesh Opening V			4.00 mm						### ### ### ### ######################			
Data	Air Permeability		IN EN 9237										
		dp=127 Pa ISO 4022											
	Open Area												
Techn	ical Specific	ations		63%	Material Build								
	•		00	0.070 :-									
Overall thickness 2.00 mm		0.079 in. 0.10 lbs./ft²		Ø1.00mm — \									
Weight 0.50 kg/m <sup>2</sup> Maximum width 2,000 mm		78.740 in.		2.00mm									
Minimum pulley/Nose bar Diameter											3.937 in.		
	mended Joint		<b>A</b>										
Minimum back flex 150 mm				5.906 in.									
Load for 1% extension (Dynamic) 14 N/mm			79.94 lbs.	/in.									
Standard tension 0.5 %					Splicing Instructions								
Operational temperature range 0/80 °C 32/176 °F					High Speed Press Settings								
Featu	res					Pressure	Temp	erature	Press			Release Top/	
FDA		YES	Anti-Static		NO	(psi)	Тор	Bottom	Time	Foil Position	Foil	Bottom	
USDA Me	eat and Poultry	NO	USDA Dair	у	NO		140°C	140°C					
Standard Fabrications					10 284°F		30 s 284°F		N/A	None	Rough Teflon/ Rough Teflon		
Endless S <sub>I</sub>	Endless Splice YES Cleats				YES			/C	I I D				
Guide app	Guide applied to cover YES Guide app		lied to bottom	YES		water C		oolea P	ress Settin	igs	I		
Footed Si	Footed Sidewall YES Footless si		Footless si	dewall	NO		Temp	erature	Press	Foil Position	Foil	Release Top	
Edge capp	Edge capped REQUIRED Plastic Riv		et Lace	YES	(psi)	Тор	Bottom	Time			Bottom		
Notes  4mm x 4mm Open Mesh Great for dewatering and v					140°C	140°C	10 s	N/A	None	Rough Teflon/			
		atering and v	ering and vegetable processing applications.		10 284°F	284°F				Rough Teflon			
Note: Urethane edge capp all cleats and V-guides, and			ing is required on all sides, under		*These settings are a guideline only, every press is different. Test splicing is recommended.								
						Standard Splices							
					Endless Singer Finger								
						Clipper Lace UX1LL							
*Minimum pulley diameters can vary when mechanical lace is installed. Contact our technical team for any fabrication or application questions.												NIBA	

Staple Lace