



BELTING SPECS AND SPLICING INSTRUCTIONS

Mesh Range

Universal Belting Resource

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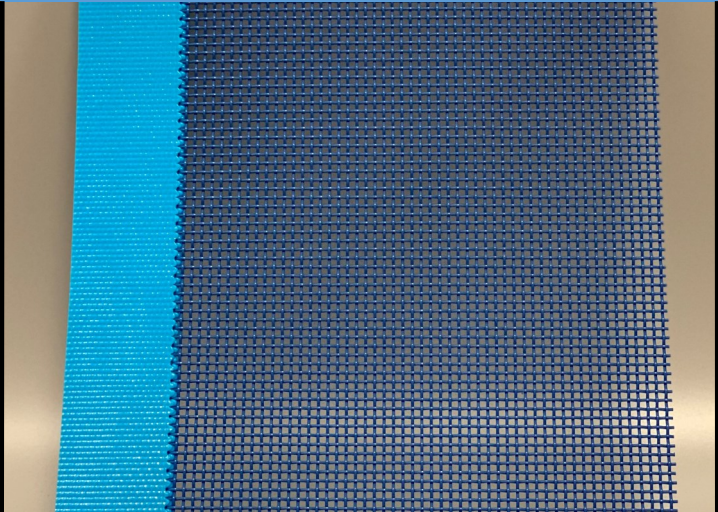
570100

BLUE MESH 2X2

Mesh

Material Construction

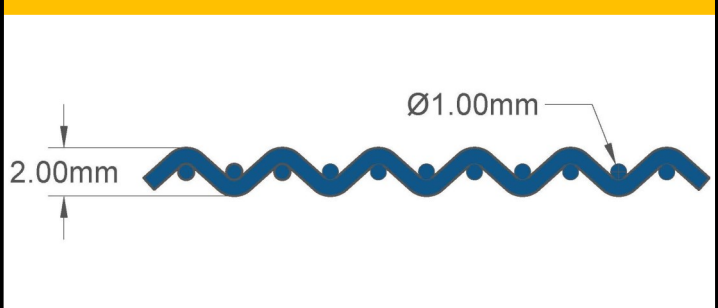
Conveying Surface & Underside	Material Warp and Weft	Polyester
	Wire Diameter	1.00 mm
	Finish	Gloss
	Color	Blue
Mesh Data	Mesh Count Warp	3.33 per cm
	Mesh Count Weft	3.33 per cm
	Mesh Opening Warp	2.00 mm
	Mesh Opening Weft	2.00 mm
	Air Permeability dp=200 Pa DIN EN 9237	10500 l/m ² s
	CFM dp=127 Pa ISO 4022	1600 CFM
Open Area	44%	



Technical Specifications

Overall thickness	2.00 mm	0.079 in.
Weight	0.70 kg/m ²	0.14 lbs./ft ²
Maximum width	2,896 mm	114.000 in.
Minimum pulley/Nose bar Diameter for recommended Joint	100 mm	3.937 in.
Minimum back flex	150 mm	5.906 in.
Load for 1% extension (Dynamic)	8 N/mm	45.68 lbs./in.
Standard tension		0.5 %
Operational temperature range	0/80 °C	32/176 °F

Material Build



Features

FDA	YES	Anti-Static	NO
USDA Meat and Poultry	NO	USDA Dairy	NO

Standard Fabrications

Endless Splice	YES	Cleats	YES
Guide applied to cover	YES	Guide applied to bottom	YES
Footed Sidewall	YES	Footless sidewall	NO
Edge capped	REQUIRED	Plastic Rivet Lace	YES

Notes

2mm x 2mm Open Mesh
Great for dewatering and vegetable processing applications.
Note: Urethane edge capping is required on all sides, under all cleats and V-guides, and will be at least 1.5" wide.

Splicing Instructions

High Speed Press Settings

Pressure (psi)	Temperature		Press Time	Foil Position	Foil	Release Top/Bottom
	Top	Bottom				
10	140°C 284°F	140°C 284°F	30 s	N/A	None	Rough Teflon/ Rough Teflon

Water Cooled Press Settings

Pressure (psi)	Temperature		Press Time	Foil Position	Foil	Release Top/Bottom
	Top	Bottom				
10	140°C 284°F	140°C 284°F	10 s	N/A	None	Rough Teflon/ Rough Teflon

*These settings are a guideline only, every press is different. Test splicing is recommended.

Standard Splices

Endless	Singer Finger
Clipper Lace	UX1LL
Staple Lace	RS62

*Minimum pulley diameters can vary when mechanical lace is installed. Contact our technical team for any fabrication or application questions.



570105

BLUE MESH 1X1

Mesh

Material Construction

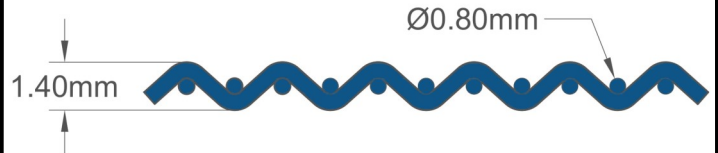
Conveying Surface & Underside	Material Warp and Weft	Polyester
	Wire Diameter	0.80 mm
	Finish	Gloss
	Color	Blue
Mesh Data	Mesh Count Warp	5.30 per cm
	Mesh Count Weft	5.20 per cm
	Mesh Opening Warp	1.00 mm
	Mesh Opening Weft	1.10 mm
	Air Permeability dp=200 Pa DIN EN 9237	7500 l/m ² s
	CFM dp=127 Pa ISO 4022	1150 CFM
Open Area	30%	



Technical Specifications

Overall thickness	1.40 mm	0.055 in.
Weight	0.80 kg/m ²	0.16 lbs./ft ²
Maximum width	3,000 mm	118.110 in.
Minimum pulley/Nose bar Diameter for recommended Joint	130 mm	5.118 in.
Minimum back flex	200 mm	7.874 in.
Load for 1% extension (Dynamic)	6 N/mm	34.26 lbs./in.
Standard tension		0.5 %
Operational temperature range	0/80 °C	32/176 °F

Material Build



Features

FDA	YES	Anti-Static	NO
USDA Meat and Poultry	NO	USDA Dairy	NO

Standard Fabrications

Endless Splice	YES	Cleats	YES
Guide applied to cover	YES	Guide applied to bottom	YES
Footed Sidewall	YES	Footless sidewall	NO
Edge capped	REQUIRED	Plastic Rivet Lace	YES

Notes

1mm x 1mm Open Mesh
Great for dewatering and vegetable processing applications.
Note: Urethane edge capping is required on all sides, under all cleats and V-guides, and will be at least 1.5" wide.

Splicing Instructions

High Speed Press Settings

Pressure (psi)	Temperature		Press Time	Foil Position	Foil	Release Top/Bottom
	Top	Bottom				
10	140°C 284°F	140°C 284°F	30 s	N/A	None	Rough Teflon/ Rough Teflon

Water Cooled Press Settings

Pressure (psi)	Temperature		Press Time	Foil Position	Foil	Release Top/Bottom
	Top	Bottom				
10	140°C 284°F	140°C 284°F	10 s	N/A	None	Rough Teflon/ Rough Teflon

*These settings are a guideline only, every press is different. Test splicing is recommended.

Standard Splices

Endless	Singer Finger
Clipper Lace	UX1LL
Staple Lace	RS62



*Minimum pulley diameters can vary when mechanical lace is installed. Contact our technical team for any fabrication or application questions.

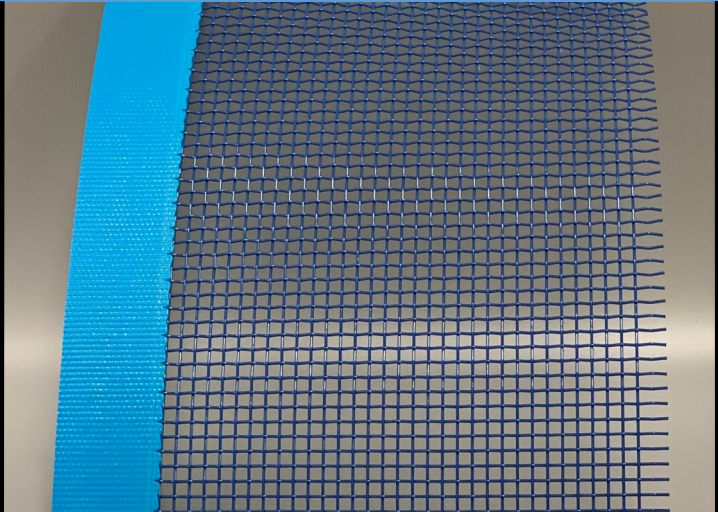
570110

BLUE MESH 4X4

Mesh

Material Construction

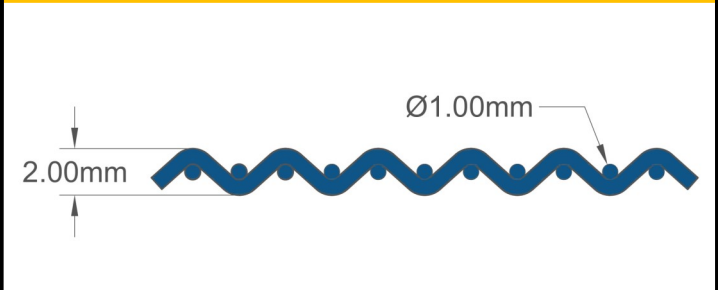
Conveying Surface & Underside	Material Warp and Weft	Polyester
	Wire Diameter	1.00 mm
	Finish	Gloss
	Color	Blue
Mesh Data	Mesh Count Warp	2.00 per cm
	Mesh Count Weft	2.00 per cm
	Mesh Opening Warp	4.00 mm
	Mesh Opening Weft	4.00 mm
	Air Permeability dp=200 Pa DIN EN 9237	15000 l/m ² s
	CFM dp=127 Pa ISO 4022	2400 CFM
Open Area	63%	



Technical Specifications

Overall thickness	2.00 mm	0.079 in.
Weight	0.50 kg/m ²	0.10 lbs./ft ²
Maximum width	2,000 mm	78.740 in.
Minimum pulley/Nose bar Diameter for recommended Joint	100 mm	3.937 in.
Minimum back flex	150 mm	5.906 in.
Load for 1% extension (Dynamic)	14 N/mm	79.94 lbs./in.
Standard tension		0.5 %
Operational temperature range	0/80 °C	32/176 °F

Material Build



Features

FDA	YES	Anti-Static	NO
USDA Meat and Poultry	NO	USDA Dairy	NO

Standard Fabrications

Endless Splice	YES	Cleats	YES
Guide applied to cover	YES	Guide applied to bottom	YES
Footed Sidewall	YES	Footless sidewall	NO
Edge capped	REQUIRED	Plastic Rivet Lace	YES

Notes

4mm x 4mm Open Mesh
Great for dewatering and vegetable processing applications.
Note: Urethane edge capping is required on all sides, under all cleats and V-guides, and will be at least 1.5" wide.

Splicing Instructions

High Speed Press Settings

Pressure (psi)	Temperature		Press Time	Foil Position	Foil	Release Top/Bottom
	Top	Bottom				
10	140°C 284°F	140°C 284°F	30 s	N/A	None	Rough Teflon/ Rough Teflon

Water Cooled Press Settings

Pressure (psi)	Temperature		Press Time	Foil Position	Foil	Release Top/Bottom
	Top	Bottom				
10	140°C 284°F	140°C 284°F	10 s	N/A	None	Rough Teflon/ Rough Teflon

*These settings are a guideline only, every press is different. Test splicing is recommended.

Standard Splices

Endless	Singer Finger
Clipper Lace	UX1LL
Staple Lace	RS62

*Minimum pulley diameters can vary when mechanical lace is installed. Contact our technical team for any fabrication or application questions.

