ITL Bostitch | Technical Specifications

P51-10B BOSTITCH SPECIFICATION SHEET

Product Description		
Type: Stapler		
Weight:	4.6 Lbs.	
Dimensions:	18.2 x 10.4 x 6.2 inches	
Power Type:	Pneumatic	
Power Source:	Air powered	
Magazine Capacity:	102	
Tensile Strength:	105,000 -135,000 Lbs. per sq. Inch	

Details:

- Powerful shuttle blades provide precompression squeezed material prior and during the driving and clinching operation, giving a strong tight closure without breaking the corrugated surface.
- 6-inch by 1-inch-high throat allows flexibility of staple placement and limits interference from obstacles
- Penetrates and securely fastens



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ITL 1/2" Staple | Technical Specifications

1/2" STAPLE SPECIFICATION SHEET

General Description			
Leg Length 1/2"			
Crown Width	1/2"		
Staple Gauge	.103 x .020"		
Coating	Galvanized Low Carbon Steel		
Staples Per Strip	52		
Staples Per Box	2400		
Boxes Per Carton	20		
Boxes Per Pallet	800		
Box Weight (lbs.)	1.83		

105,000-135,000 Lbs. per sq. Inch Tensile Strength



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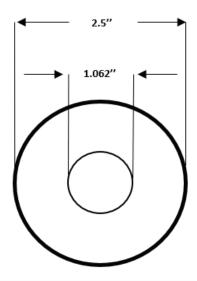


ITL Galvanized Washer | Technical Specifications

Load Displacement Galvanized Washer

The use of these restraining devices helps to transfer the load from ITL GeoCells to the tendons. The flat washers are hot-dipped galvanized steel, making them 10 times as corrosion resistant as zinc-plated washers.

General		
Inside Dimension (in/cm)	1.062" / 2.7	
Outside Dimension (in/cm)	2.500" / 6.35	
Thickness (in/cm)	0.136" - 0.192" / 0.345 - 0.489	
For screw size (in/cm)	1" / 2.54	



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ITL 11,000 lb Tendon | Technical Specifications

11,000 lbs. (50 kN) POLYESTER WOVEN TENDON

Physical Properties	Units	Min	Max.	
Warp				
Breaking Strength	LBS.	11,000	N/A	
Elongation at Break	%	9.0	15.0	
Fill				
Breaking Strength	LBS.	280	N/A	
Elongation at Break	%	9.0	15.0	
	General			
Weight	LBS./Ft.	0.59	.061	
Gauge	Inches	0.09	0.010	
Width	Inches	1.562	1.687	
Weave	Plain	N/A	N/A	
Length	LF		670	
Conditioning Treatment	CS Heat Set	N/A	N/A	
Color Treatment	CS Orange	N/A	N/A	

Description	Warp	Fill
Fiber	Filament	Filament
Туре	Polyester	Polyester
Construction	Plain Weave	N/A

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ITL 7,700 lb Tendon | Technical Specifications

7,700 lbs. (35 kN) POLYESTER WOVEN TENDON SPEC SHEET

Physical Properties	Units	Min	
Warp			
Breaking Strength	LBS.	7,700	N/A
Elongation at Break	%	9.0	15.0
Fill			
Breaking Strength	LBS.	240	N/A
Elongation at Break	%	9.0	15.0
General			
Weight	LBS./Ft.	0.039	.041
Gauge	Inches	0.065	0.075
Width	Inches	1.562	1.687
Weave	Plain	N/A	N/A
Length	LF		670
Conditioning Treatment	CS Heat Set	N/A	N/A
Color Treatment	CS Orange	N/A	N/A

Description	Warp	Fill
Fiber	Filament	Filament
Туре	Polyester	Polyester
Construction	Plain Weave	N/A

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ITL 5,100 lb Tendon | Technical Specifications

5,100 lbs. (23.2 kN) POLYESTER WOVEN TENDON SPEC SHEET

Physical Properties	Units	Min	Max.
Warp			
Breaking Strength	LBS.	5,100	N/A
Elongation at Break	%	9.0	15.0
Fill			
Breaking Strength	LBS.	240	N/A
Elongation at Break	%	9.0	15.0
General			
Weight	LBS./Ft.	.029	N/A
Width	Inches	.050	.070
Weave	Plain	N/A	N/A
Length	LF		835
Conditioning Treatment	CS Heat Set	N/A	N/A
Color Treatment	CS Orange	N/A	N/A

Description	Warp	Fill
Fiber	Filament	Filament
Туре	Polyester	Polyester
Construction	Plain Weave	N/A

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ITL 3,285 lb Tendon | Technical Specifications

3,285 lb. (14.6 kN) POLYESTER WOVEN TENDON SPEC SHEET

Physical Properties	Units	Min	Max.	
Warp				
Breaking Strength	LBS.	3,121	3,449	
Elongation at Break	%	9.0	15.0	
Fill				
Breaking Strength	LBS.	155	N/A	
Elongation at Break	%	9.0	15.0	
	General			
Weight	LBS./Ft.	.021	N/A	
Gauge	Inches	0.030	0.050	
Width	Inches	1.18	1.31	
Weave	Plain	N/A	N/A	
Length	LF		600	
Conditioning Treatment	CS Heat Set	N/A	N/A	
Color Treatment	CS Orange	N/A	N/A	

Description	Warp	Fill
Fiber	Filament	Filament
Туре	Polyester	Polyester
Construction	Plain Weave	N/A

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ITL 2,200 lb Tendon | Technical Specifications

2,200 lb. (9.34 kN) POLYESTER WOVEN TENDON SPEC SHEET

Physical Properties	Units	Min	Max.	
Warp				
Breaking Strength	LBS.	2,280	2,520	
Elongation at Break	%	9.0	15.0	
Fill				
Breaking Strength	LBS.	155	N/A	
Elongation at Break	%	9.0	15.0	
	General			
Weight	LBS./Ft.	.012	N/A	
Gauge	Inches	0.045	0.055	
Width	Inches	0.687	0.812	
Weave	Plain	N/A	N/A	
Length	LF		1,650	
Conditioning Treatment	CS Heat Set	N/A	N/A	
Color Treatment	CS Orange	N/A	N/A	

Description	Warp	Fill
Fiber	Filament	Filament
Туре	Polyester	Polyester
Construction	Plain Weave	N/A

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ITL Polypro 1,640 lb Tendon | Technical Specifications

Polypropylene Straps		
Material	Woven Polypropylene Webbing Black	
Yarn:	100% Black polypropylene fibers	
Warp & Fill Yarns:	Shall be single Ply 900 Denier	
Warp:	297 ends of 900 denier Polypropylene	
Width:	2" +/-1/32"	
Length:	150 LF	
Thickness:	1.85mm +/- 0.06mm	
Tensile:	1640 lbs	
Denier:	900D	

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