FT1000

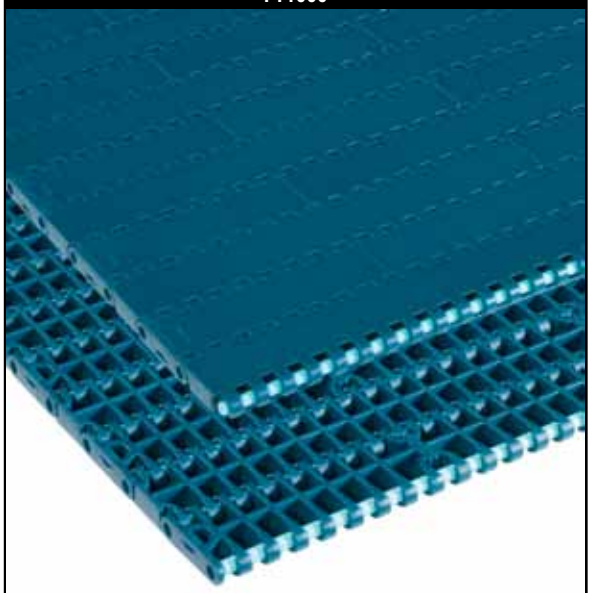
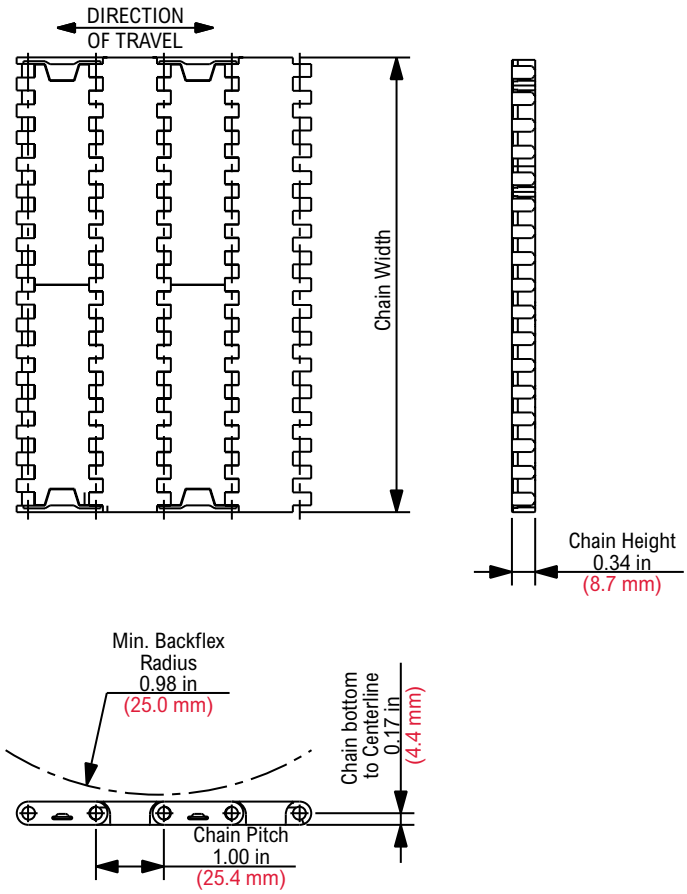


Photo shows Flat Top 1000 Series MatTop® Chain molded in XLG material

Chain Drawing



Chain Information

Chain Capacity	Number of Sprockets	
	per ft of width	per m of width
0% - 25%	-	9
25% - 50%	-	11
50% - 75%	-	13
75% - 100%	-	17

Available Materials

Prefix	Chain Material	Standard Pin Material	Temperature						Chain Strength		Approximate Weight		FDA Approval
			Fahrenheit			Celsius							
			min	max		min	max						
				dry	wet		dry	wet	lbs/ft	N/m	lbs/ft²	Kg/m²	
Standard Materials													
XLG	Low Friction Green	Polypropylene	-40	180	150	-40	82	66	1,500	21,885	1.33	6.49	Yes

Regulatory Information

The Food and Drug Administration (FDA) accepts certain materials for direct food contact. FDA approved material is compliant to FDA 21 CFR § 177.

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Additional Notes

For chain width information see page MT - WIDTH - 1.

Open area = 0.0%.

Chain strength is listed at room temperature. NR = Not Recommended.

For additional material information, see material portfolio.

FTDP1000

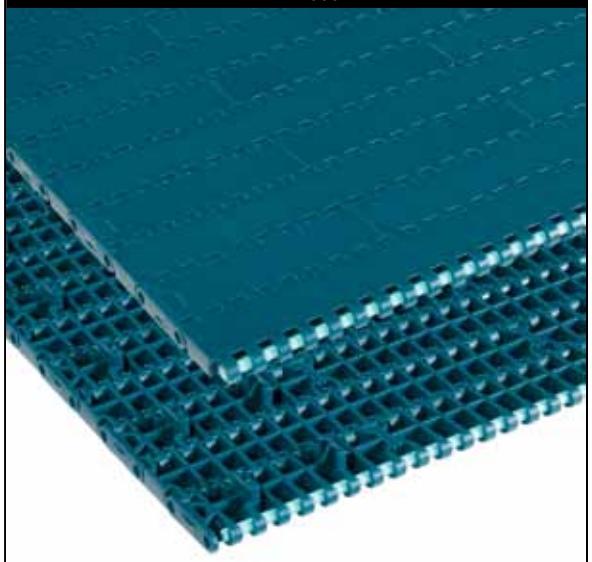
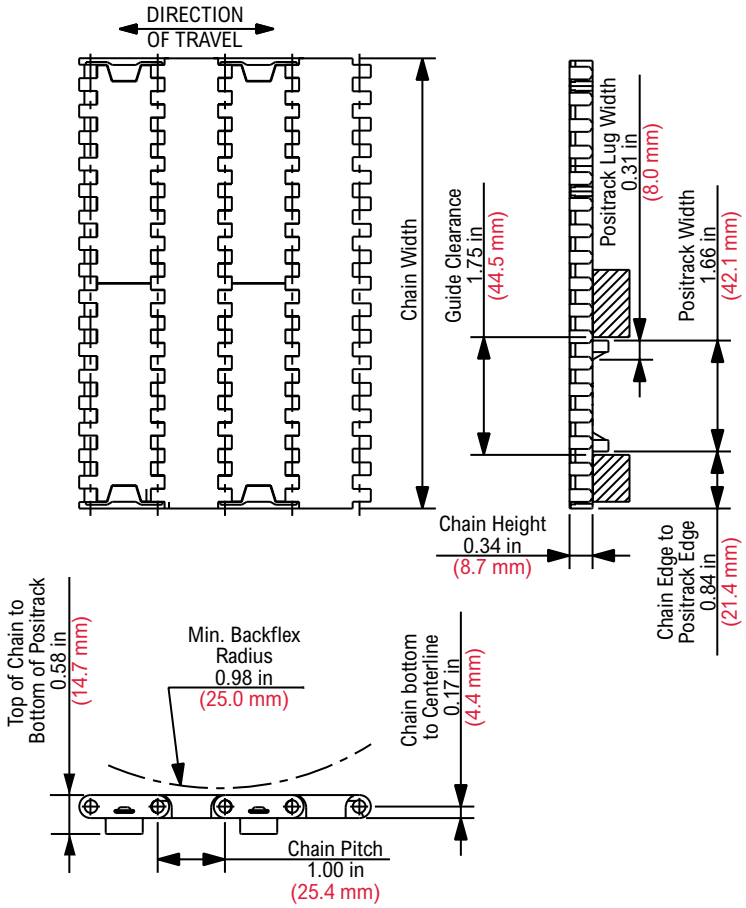


Photo shows Flat Top 1000 Series MatTop® Chain with Positrack™ (PT) Tracking Guides molded in XLG material

Chain Drawing



Chain Information

Chain Capacity	Number of Sprockets per ft of width	Number of Sprockets per m of width
0% - 25%	-	9
25% - 50%	-	11
50% - 75%	-	13
75% - 100%	-	17

Available Materials

Prefix	Chain Material	Standard Pin Material	Temperature Fahrenheit min	Fahrenheit max dry	Fahrenheit max wet	Celsius min	Celsius max dry	Celsius max wet	Chain Strength lbs/ft	Chain Strength N/m	Approximate Weight lbs/ft²	Approximate Weight Kg/m²	FDA Approval
Standard Materials													
XLG	Low Friction Green	Polypropylene	-40	180	150	-40	82	66	1,500	21,885	1.33	6.49	Yes

Regulatory Information

The Food and Drug Administration (FDA) accepts certain materials for direct food contact. FDA approved material is compliant to FDA 21 CFR § 177.

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Additional Notes

For chain width information see page MT - WIDTH - 1.

Open area = 0.0%.

Chain strength is listed at room temperature. NR = Not Recommended.

For additional material information, see material portfolio.

FTDP1000 (MTW)

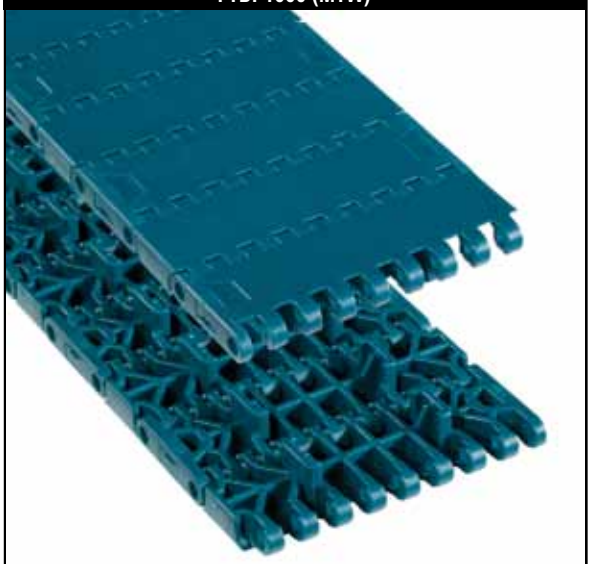
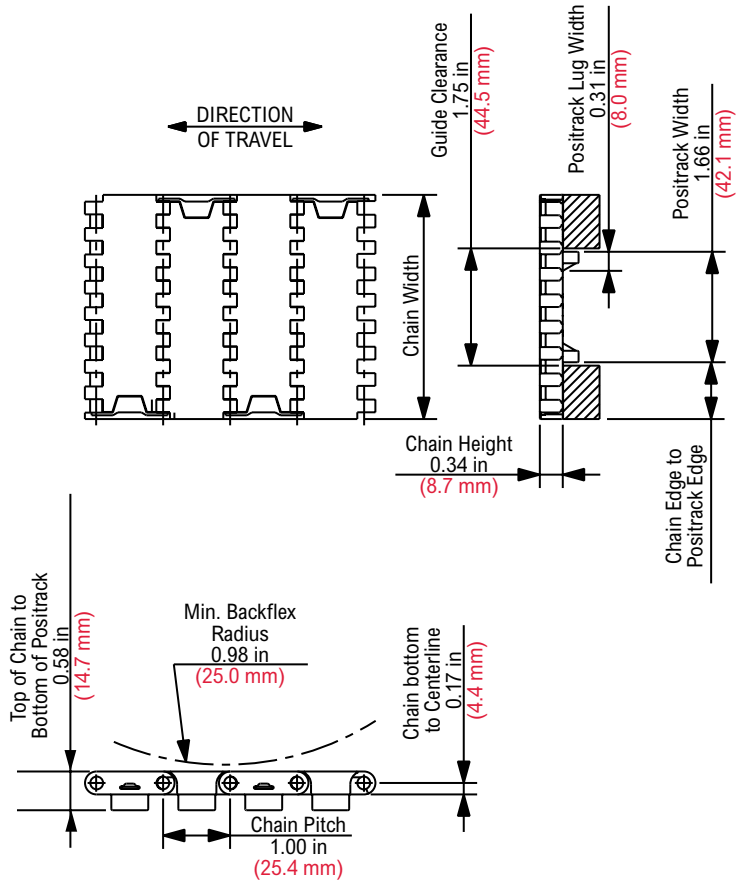


Photo shows Flat Top 1000 Series Molded-to-Width (MTW) MatTop® Chain with Positrack™ (PT) Tracking Guides molded in XLG material

Chain Drawing



Chain Information

Chain Width			Chain Edge to Tracking Guide Edge		Number of Sprockets	Chain Strength	
desc	in	mm	in	mm		lbs	N
84MM	3.31	84.0	0.84	21.0	1	420	1,868

Available Materials

Prefix	Chain Material	Standard Pin Material	Temperature						Approximate Weight		FDA Approval
			Fahrenheit			Celsius					
			min	max		min	max				
				dry	wet		dry	wet	lbs/ft²	Kg/m²	
Standard Materials											
XLG	Low Friction Green	Polyester	-40	180	150	-40	82	66	1.33	6.49	Yes

Regulatory Information

The Food and Drug Administration (FDA) accepts certain materials for direct food contact. FDA approved material is compliant to FDA 21 CFR § 177.

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Additional Notes

Stocked in 120 pitch, 10 ft (3.048 m) length strands.

Chain strength is based on acetal-based materials and listed at room temperature. NR = Not Recommended.

For additional material information, see material portfolio.

FTDP1000XLG84 is Part No. 873.21.09

FFTP1000 FreeFlow

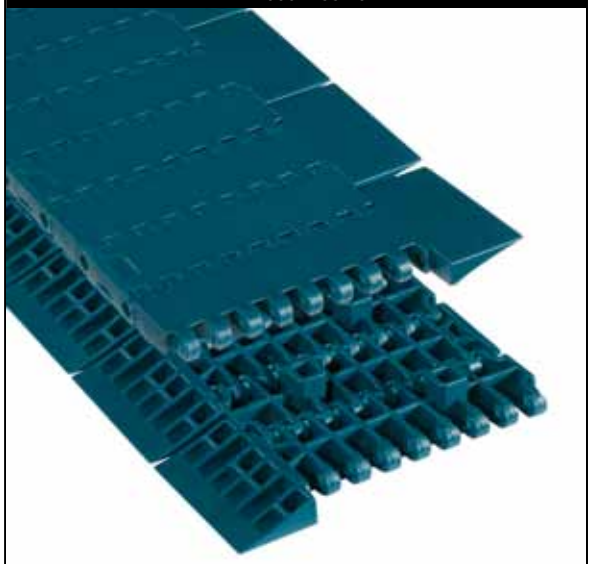
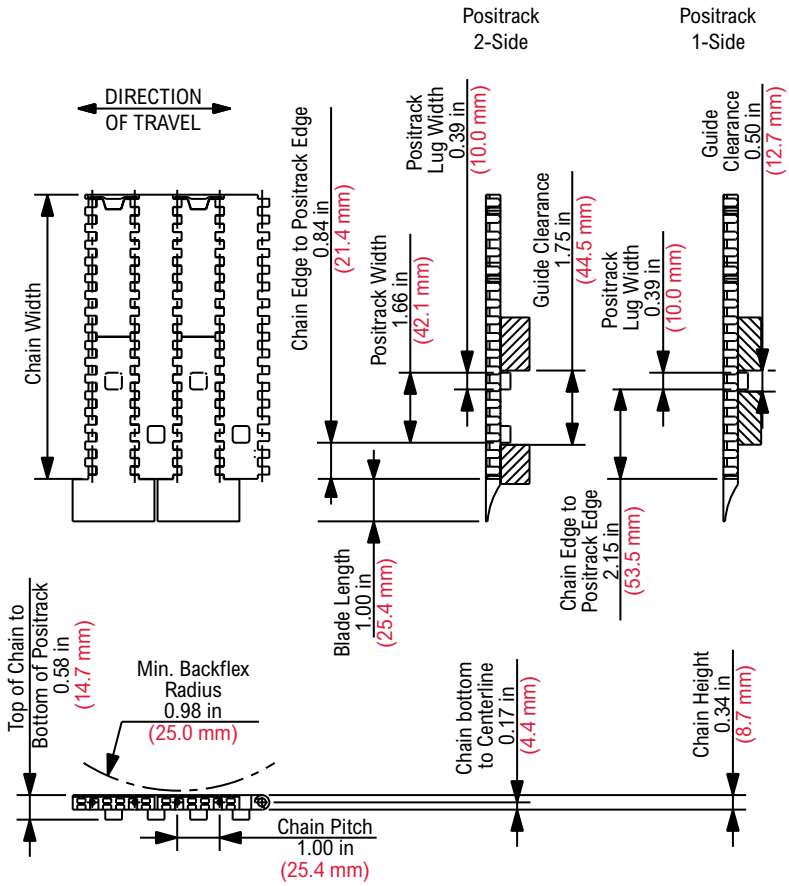


Photo shows Flat Top 1000 Series MatTop® Chain with Freeflow and Positrack™ (PT) Tracking Guides molded in XLG material

Chain Drawing



Chain Information

Freeflow can be integrated into any width chain divisible by 85MM

Available Materials

Prefix	Chain Material	Standard Pin Material	Temperature Fahrenheit min	Fahrenheit max dry	Fahrenheit max wet	Celsius min	Celsius max dry	Celsius max wet	Approximate Weight lbs/ft²	Approximate Weight Kg/m²	FDA Approval
Standard Materials											
XLG	Low Friction Green	Polypropylene	-40	180	150	-40	82	66	1.33	6.49	Yes

Regulatory Information

The Food and Drug Administration (FDA) accepts certain materials for direct food contact. FDA approved material is compliant to FDA 21 CFR § 177.

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Additional Notes

Stocked in 120 pitch, 10 ft (3.048 m) length strands.

Chain strength is based on acetal-based materials and listed at room temperature. NR = Not Recommended.

For additional material information, see material portfolio.

FG1000

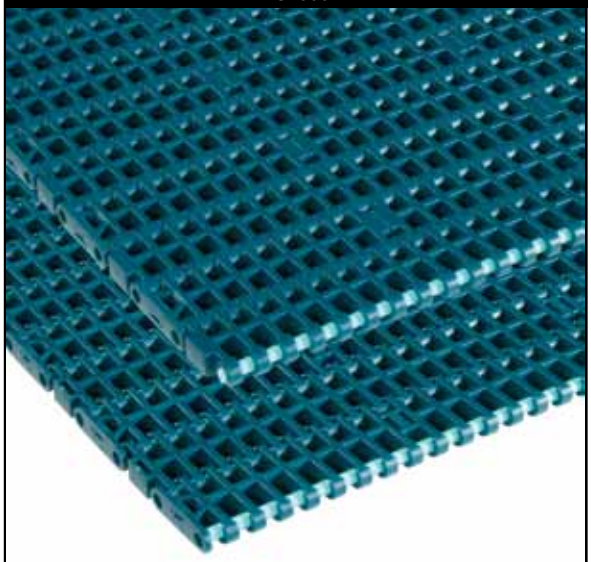
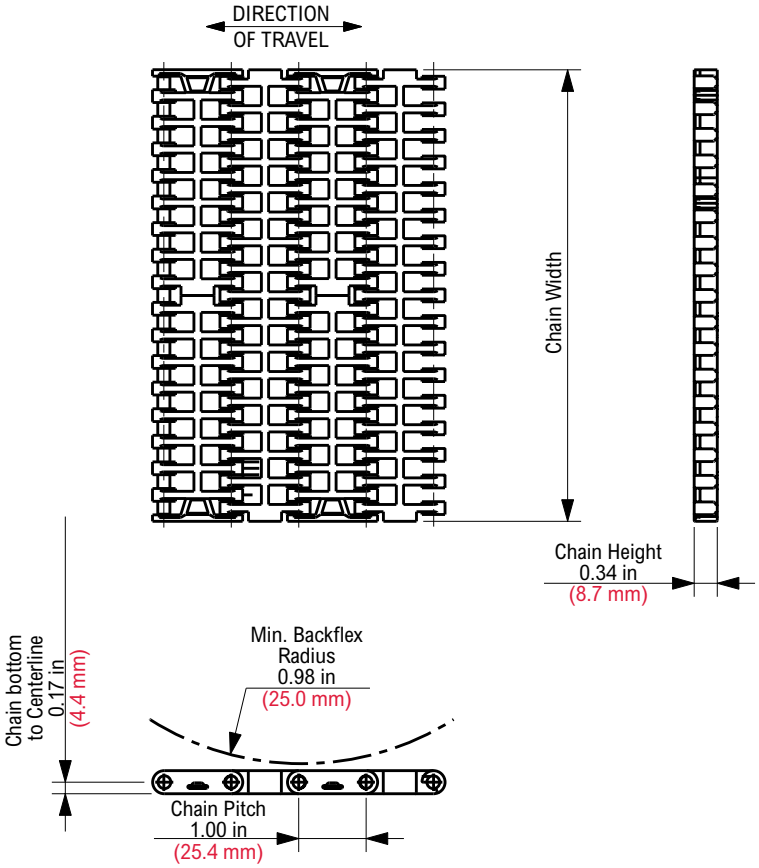


Photo shows Flush Grid 1000 Series MatTop® Chain molded in XLG material

Chain Drawing



Chain Information

Chain Capacity	Number of Sprockets	
	per ft of width	per m of width
0% - 25%	-	9
25% - 50%	-	11
50% - 75%	-	13
75% - 100%	-	17

Available Materials

Prefix	Chain Material	Standard Pin Material	Temperature						Chain Strength		Approximate Weight		FDA Approval
			Fahrenheit			Celsius							
			min	max		min	max						
				dry	wet		dry	wet	lbs/ft	N/m	lbs/ft²	Kg/m²	
Standard Materials													
XLG	Low Friction Green	Polypropylene	-40	180	150	-40	82	66	1,500	21,885	1.11	5.42	Yes

Regulatory Information

The Food and Drug Administration (FDA) accepts certain materials for direct food contact. FDA approved material is compliant to FDA 21 CFR § 177.

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Additional Notes

For chain width information see page MT - WIDTH - 1.

Open area = 40.0%.

Chain strength is listed at room temperature. NR = Not Recommended.

For additional material information, see material portfolio.

FGDP1000

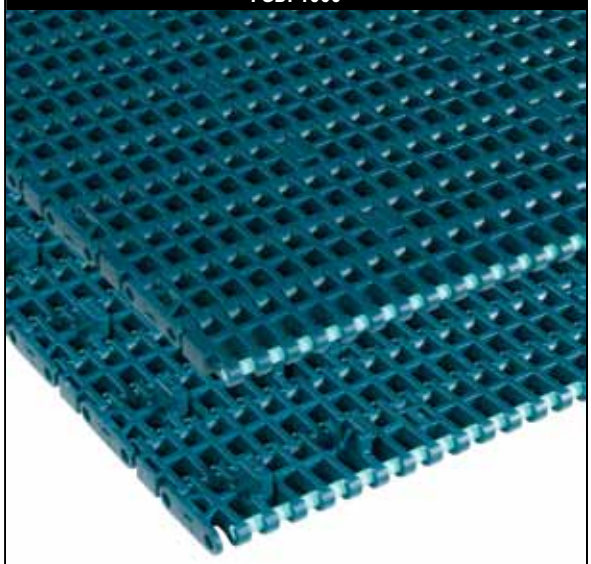
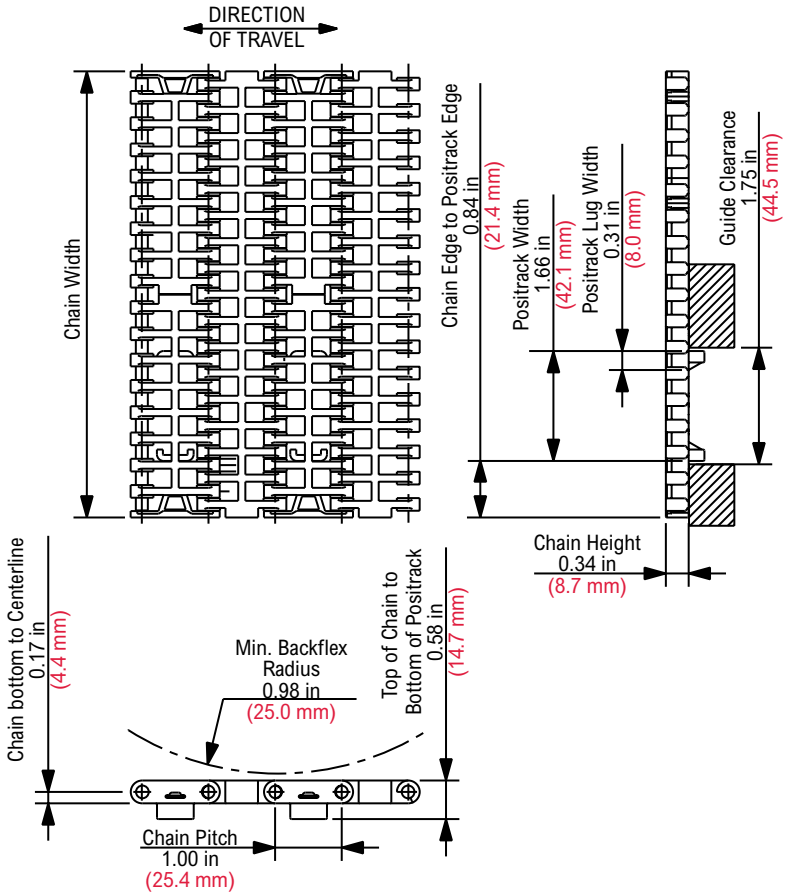


Photo shows Flush Grid 1000 Series MatTop® Chain with Positrack™ (PT) Tracking Guides molded in XLG material

Chain Drawing



Chain Information

Chain Capacity	Number of Sprockets per ft of width	Number of Sprockets per m of width
0% - 25%	-	9
25% - 50%	-	11
50% - 75%	-	13
75% - 100%	-	17

Available Materials

Prefix	Chain Material	Standard Pin Material	Temperature Fahrenheit min	Temperature Fahrenheit max dry	Temperature Fahrenheit max wet	Temperature Celsius min	Temperature Celsius max dry	Temperature Celsius max wet	Chain Strength lbs/ft	Chain Strength N/m	Approximate Weight lbs/ft²	Approximate Weight Kg/m²	FDA Approval
Standard Materials													
XLG	Low Friction Green	Polypropylene	-40	180	150	-40	82	66	1,500	21,885	1.11	5.42	Yes

Regulatory Information

The Food and Drug Administration (FDA) accepts certain materials for direct food contact. FDA approved material is compliant to FDA 21 CFR § 177.

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Additional Notes

Chain strength is listed at room temperature. NR = Not Recommended.

For additional material information, see material portfolio.

For chain width information see page MT - WIDTH - 1.

Open area = 40.0%.

FGDP1000 (MTW)

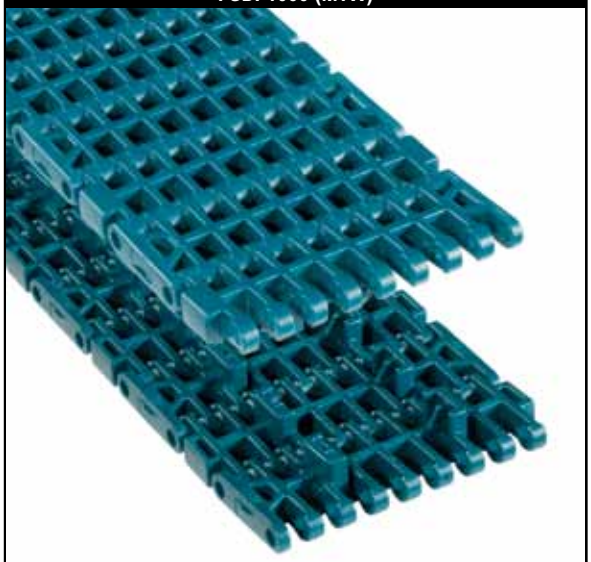
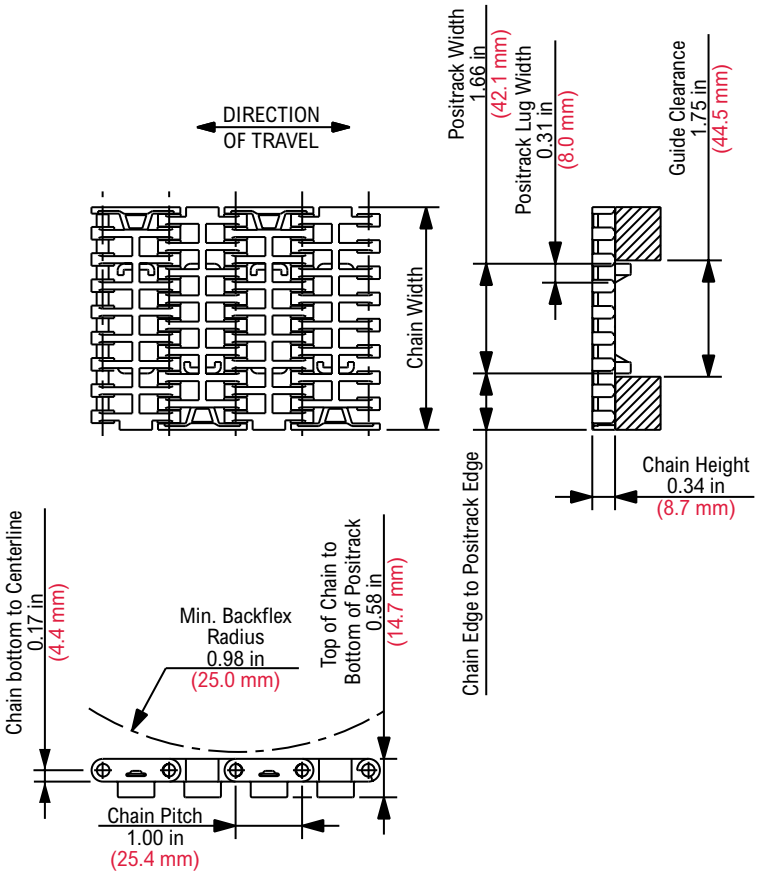


Photo shows Flush Grid 1000 Series Molded-to-Width (MTW) MatTop® Chain with Positrack™ (PT) Tracking Guides molded in XLG material

Chain Drawing



Chain Information

Chain Width			Chain Edge to Tracking Guide Edge		Number of Sprockets	Chain Strength	
desc	in	mm	in	mm		lbs	N
84MM	3.31	84.0	0.84	21.0	1	420	1,868

Available Materials

Prefix	Chain Material	Standard Pin Material	Temperature						Approximate Weight		FDA Approval
			Fahrenheit			Celsius					
			min	max		min	max				
				dry	wet		dry	wet	lbs/ft²	Kg/m²	
Standard Materials											
XLG	Low Friction Green	Polyester	-40	180	150	-40	82	66	1.11	5.42	Yes

Regulatory Information

The Food and Drug Administration (FDA) accepts certain materials for direct food contact. FDA approved material is compliant to FDA 21 CFR § 177.

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Additional Notes

Stocked in 120 pitch, 10 ft (3.048 m) length strands.

Chain strength is based on acetal-based materials and listed at room temperature. NR = Not Recommended.

For additional material information, see material portfolio.

FGDP1000XLG84 is Part No. 873.30.09

FFGP1000 Freeflow

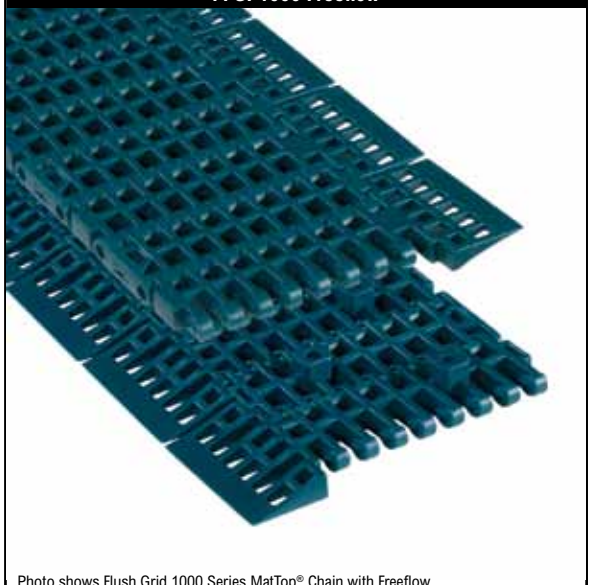
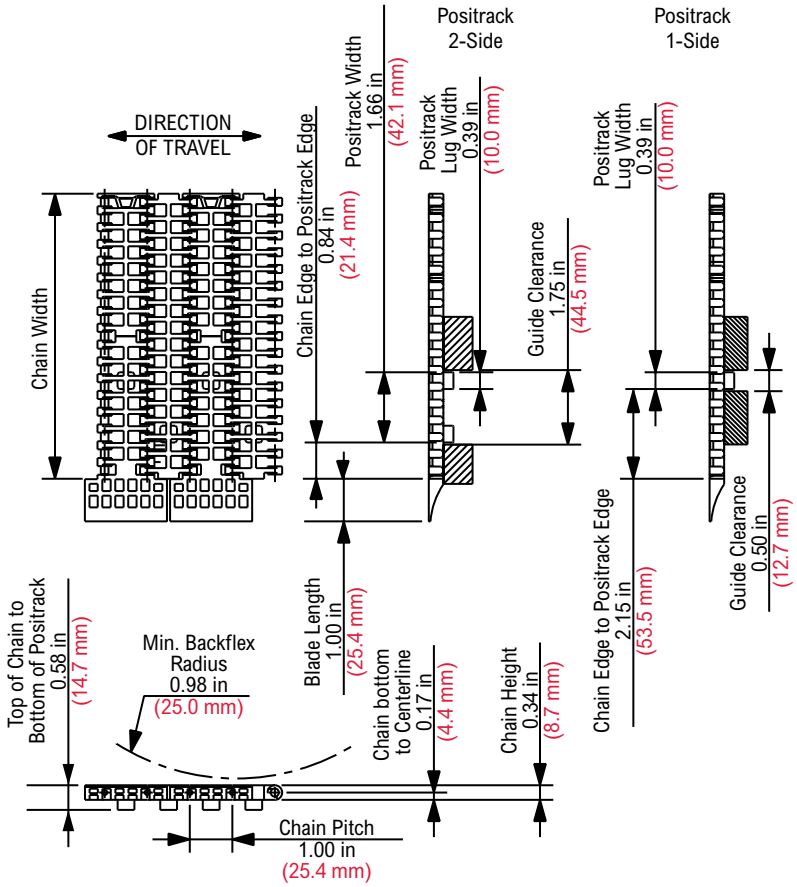


Photo shows Flush Grid 1000 Series MatTop® Chain with Freeflow and Positrack™ (PT) Tracking Guides molded in XLG material

Chain Drawing



Chain Information

Freeflow can be integrated into any width chain divisible by 85MM

Available Materials

Prefix	Chain Material	Standard Pin Material	Temperature Fahrenheit min	Fahrenheit max dry	Fahrenheit max wet	Celsius min	Celsius max dry	Celsius max wet	Approximate Weight lbs/ft²	Approximate Weight Kg/m²	FDA Approval
Standard Materials											
XLG	Low Friction Green	Polypropylene	-40	180	150	-40	82	66	1.11	5.42	Yes

Regulatory Information

The Food and Drug Administration (FDA) accepts certain materials for direct food contact. FDA approved material is compliant to FDA 21 CFR § 177.

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Additional Notes

Stocked in 120 pitch, 10 ft (3.048 m) length strands.

Chain strength is based on acetal-based materials and listed at room temperature. NR = Not Recommended.

For additional material information, see material portfolio.

RRR1000

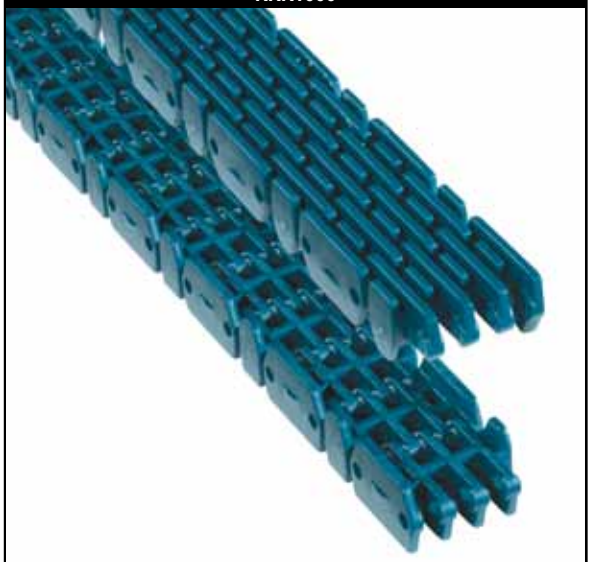
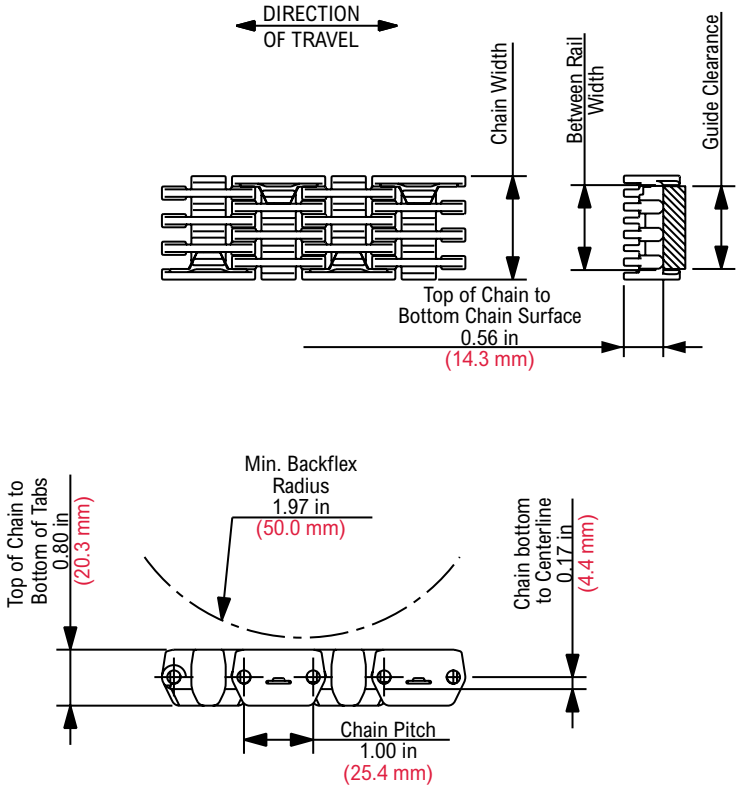


Photo shows Raised Rib 1000 Series Molded-to-Width (MTW) MatTop® Chain with Railtrack Tracking Guides molded in XLG material

Chain Drawing



Chain Information

Chain Width			Number of Sprockets	Chain Strength	
desc	in	mm		lbs	N
38MM	1.50	38.0	1	90	400

Available Materials

Prefix	Chain Material	Standard Pin Material	Temperature Fahrenheit min	Fahrenheit max dry	Fahrenheit max wet	Celsius min	Celsius max dry	Celsius max wet	Approximate Weight lbs/ft²	Approximate Weight Kg/m²	FDA Approval
Standard Materials											
XLG	Low Friction Green	Polyester	-40	180	150	-40	82	66	1.63	7.96	Yes

Regulatory Information

The Food and Drug Administration (FDA) accepts certain materials for direct food contact. FDA approved material is compliant to FDA 21 CFR § 177.

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Additional Notes

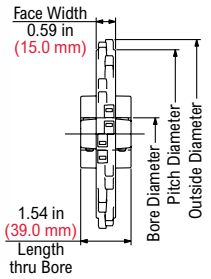
Stocked in 120 pitch, 10 ft (3.048 m) length strands.

Chain strength is based on acetal-based materials and listed at room temperature. NR = Not Recommended.

RRR1000-38XLG is Part Number 871.00.00

For additional material information, see material portfolio.

SSW1000 Thermoplastic Split Sprocket



SSW1000 Thermoplastic Split Sprocket Imperial Information

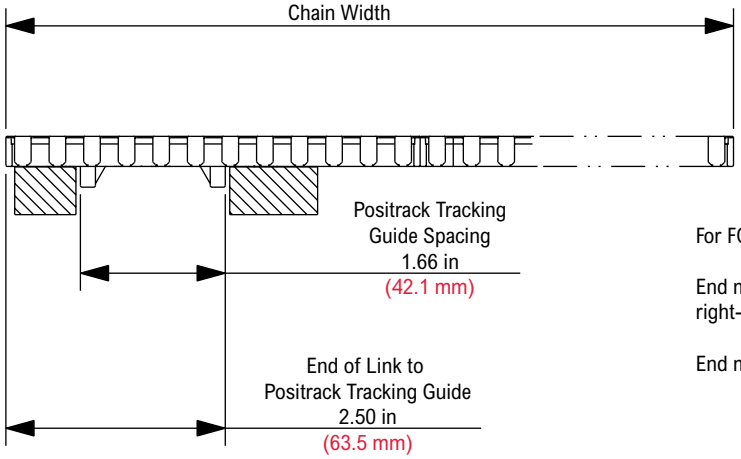
Number of Teeth		Pitch Diameter		Outside Diameter		Bore Diameter			Approximate Weight	
						Round		Square		
Actual	Effect	in	mm	in	mm	in			lbs	kg
16	16	5.126	130.20	5.14	130.6	-	1 1/2	-	0.51	0.23
18	18	5.760	146.30	5.78	146.8	1 1/4	1 1/2	1 1/2	0.60	0.27
20	20	6.394	162.41	6.42	163.1	-	1 1/2	1 1/2	0.70	0.32

SSW1000 Thermoplastic Split Sprocket Metric Information

Number of Teeth		Pitch Diameter		Outside Diameter		Bore Diameter						Approximate Weight	
						Round					Square		
Actual	Effect	in	mm	in	mm	mm						lbs	kg
16	16	5.126	130.20	5.14	130.6	30	-	40	-	-	-	0.51	0.23
18	18	5.760	146.30	5.78	146.8	30	-	40	-	60	40	0.60	0.27
20	20	6.394	162.41	6.42	163.1	-	35	40	50	-	-	0.70	0.32

Shaft-ready round bore sprockets are shipped with keyway and no setscrew. Idler bores are designed to spin freely on the shaft.

End Module with Positrack™ Tracking Guides

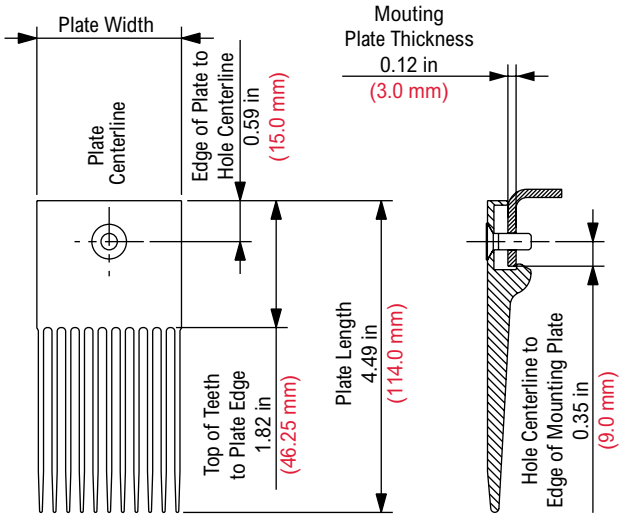


For FGDP and FTDP assembled-to-width chain only.

End modules may be positioned either on the left-hand or right-hand side of the chain.

End modules will be spaced every other pitch.

1000 Series Transfer Comb



For raised rib 1000 Series chains only.

Transfer combs are molded of XLG material.

Part Number	Plate Length		Plate Width		Approximate Weight	
	in	mm	in	mm	lbs	kg
817.12.11	4.49	114.0	1.69	43.0	0.04	0.02
817.12.12	4.49	114.0	2.09	53.0	0.31	0.14