

5995

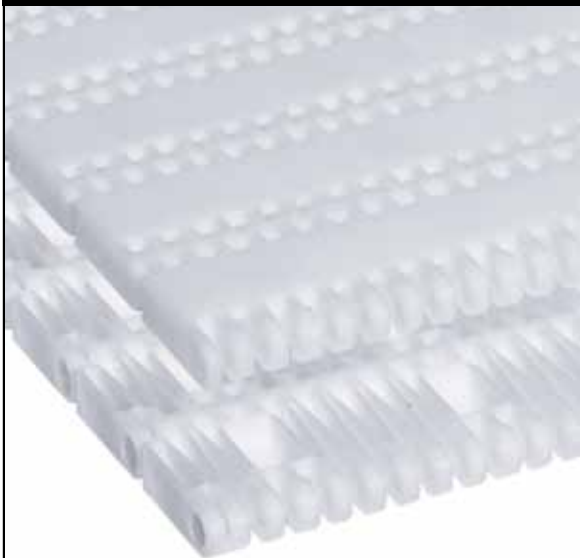
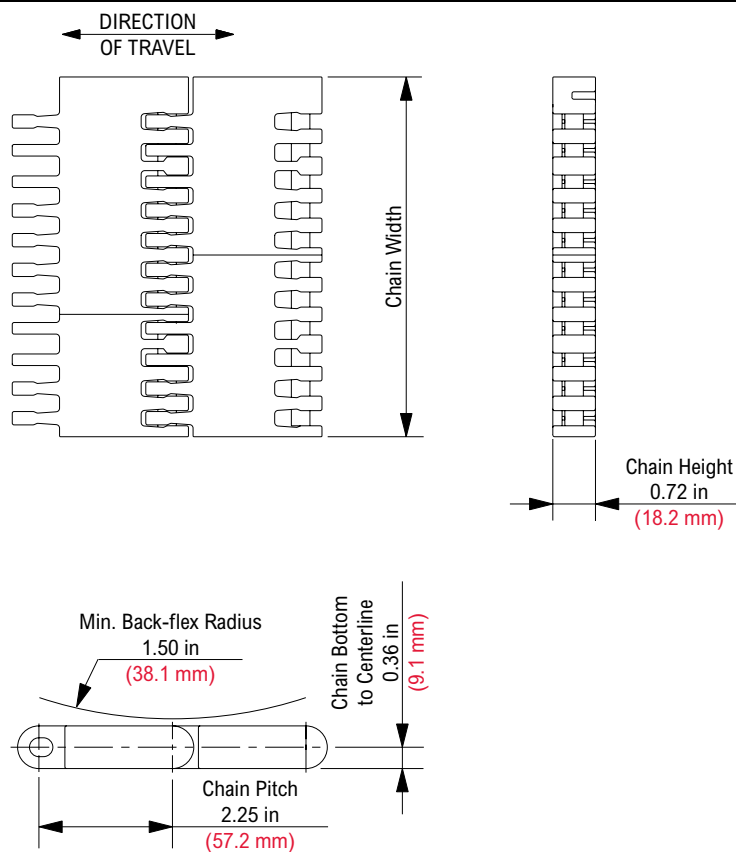


Photo shows 5995 MatTop® Chain molded in White Cut Resistant (WSM) material.

Chain Information

Chain Capacity	Number of Sprockets	
	per ft of width	per m of width
0% - 50%	2	7
50% - 100%	4	13

Chain Drawing**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					
Standard Materials													
WLT	White Low Temperature	Polyethylene	-100	80	80	-73	27	27	1,600	23,344	2.30	11.23	Yes
WSM	White Cut Resistant	Polypropylene	-40	180	150	-40	82	66	3,500	51,065	3.00	14.65	Yes
Made-to-Order Materials													
BSM	Black Cut Resistant	Polypropylene	-40	180	150	-40	82	66	3,500	51,065	3.00	14.65	Yes
BRSM	Black w/ Red Ends	Polypropylene	-40	180	150	-40	82	66	3,500	51,065	3.00	14.65	Yes
BYSM	Black w/ Yellow Ends	Polypropylene	-40	180	150	-40	82	66	3,500	51,065	3.00	14.65	Yes
DUV	Plain Acetal Ultraviolet Resistant	Polypropylene	0	180	150	-18	82	66	3,500	51,065	3.00	14.65	No
HUV	High Temp. Ultraviolet Resistant	Polypropylene	40	220	180	4	104	82	2,400	35,016	2.20	10.74	No
LF	Low Friction	Polypropylene	-40	180	150	-40	82	66	3,500	51,065	3.00	14.65	Yes
LUV	Low Temp. Ultraviolet Resistant	Polyethylene	-40	80	80	-40	27	27	1,600	23,344	2.30	11.23	No
RHT	Red High Temperature	Polypropylene	40	220	212	4	104	100	2,400	35,016	2.20	10.74	Yes
RSM	Red Cut Resistant	Polypropylene	-40	180	150	-40	82	66	3,500	51,065	3.00	14.65	Yes
SMB	Blue Cut Resistant	Polypropylene	-40	180	150	-40	82	66	3,500	51,065	3.00	14.65	Yes
WHT	White High Temperature	Polypropylene	40	220	212	4	104	100	2,400	35,016	2.20	10.74	Yes
YHT	Yellow High Temperature	Polypropylene	40	220	212	4	104	100	2,400	35,016	2.20	10.74	Yes
YSM	Yellow Cut Resistant	Polypropylene	-40	180	150	-40	82	66	3,500	51,065	3.00	14.65	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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U.S. Patents: 4858753, 5096053, 5020659

Additional Notes

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

Open area = 12.0%.

Stainless steel pins are available on a made-to-order basis.

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

For additional material information, see material portfolio.

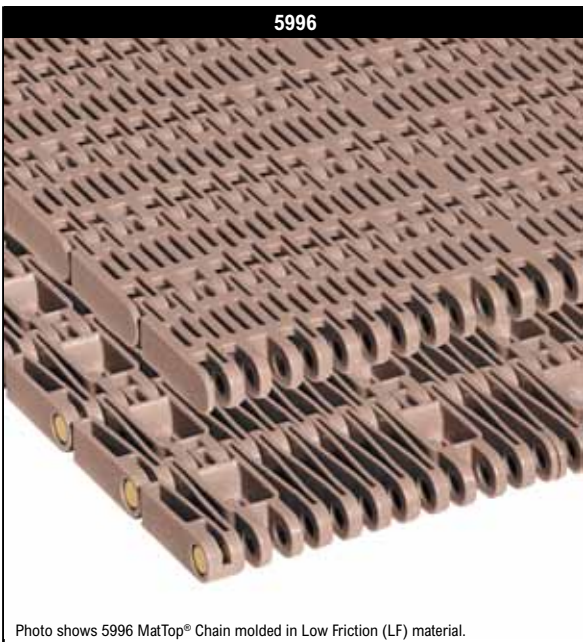
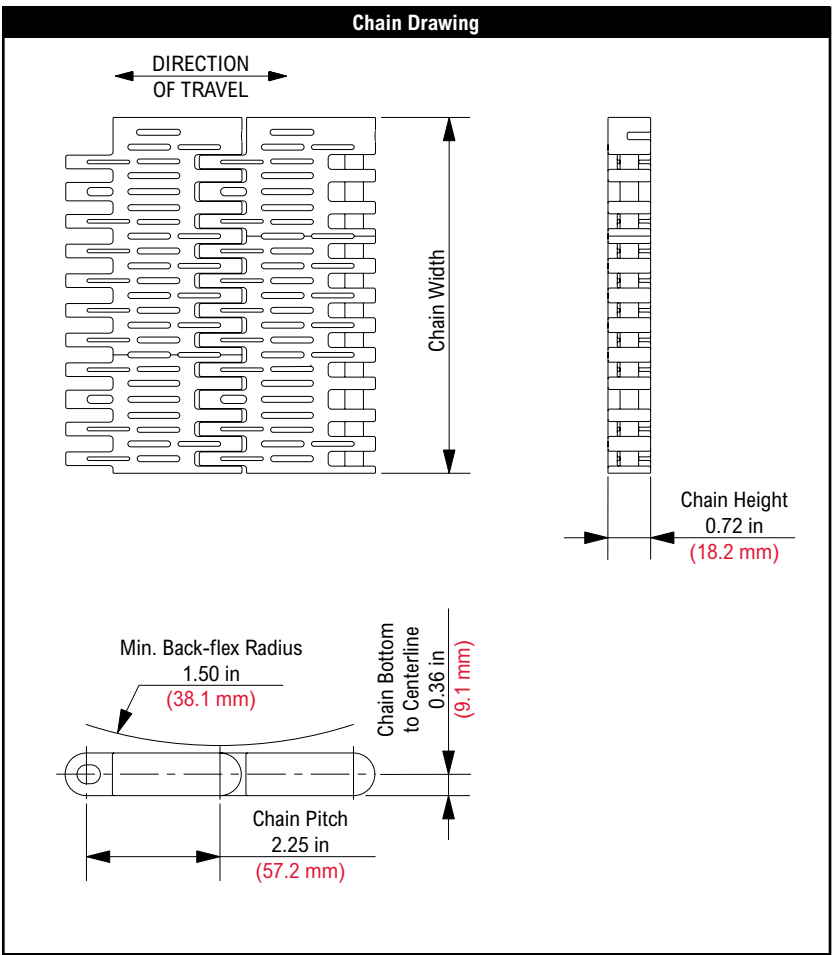


Photo shows 5996 MatTop® Chain molded in Low Friction (LF) material.

Chain Information		
Chain Capacity	Number of Sprockets	
	per ft of width	per m of width
0% - 50%	2	7
50% - 100%	4	13



Available Materials													
Prefix	Chain Material	Standard Pin Material	Temperature						Chain Strength		Approximate Weight		FDA Approval
			Fahrenheit			Celsius							
			min	max		min	max		lbs/ft	N/m	lbs/ft²	Kg/m²	
	dry	wet		dry	wet								
Standard Materials													
HUV	High Temp. Ultraviolet Resistant	Polypropylene	40	220	180	4	104	82	2,400	35,016	1.70	8.30	No
LF	Low Friction	Polypropylene	-40	180	150	-40	82	66	3,500	51,065	1.60	7.81	Yes
WHT	White High Temperature	Polypropylene	40	220	212	4	104	100	2,400	35,016	1.00	4.88	Yes
WLT	White Low Temperature	Polyethylene	-100	80	80	-73	27	27	1,600	23,344	1.10	5.37	Yes
Made-to-Order Materials													
BLT	Blue Low Temperature	Polyethylene	-100	80	80	-73	27	27	1,600	23,344	1.80	8.79	Yes
BRSM	Black/Red Cut Resistant	Polypropylene	-40	180	150	-40	82	66	3,500	51,065	2.30	11.23	Yes
BSM	Black Cut Resistant	Polypropylene	-40	180	150	-40	82	66	3,500	51,065	2.30	11.23	Yes
DUV	Plain Acetal Ultraviolet Resistant	Polypropylene	0	180	150	-18	82	66	3,500	51,065	2.30	11.23	No
HP™	High Performance	Polypropylene	-40	180	150	-40	82	66	3,500	51,065	2.30	11.23	Yes
LUV	Low Temp. Ultraviolet Resistant	Polyethylene	-40	80	80	-40	27	27	1,600	23,344	1.80	8.79	No
RHT	Red High Temperature	Polypropylene	40	220	212	4	104	100	2,400	35,016	1.70	8.30	Yes
WLF	White Low Friction	Polypropylene	-40	180	150	-40	82	66	3,500	51,065	2.30	11.23	Yes

Regulatory Information
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U.S. Patents: 4858753, 5096053, 5020659

Additional Notes
For chain width information see page MT - WIDTH - 1.
Open area = 22.1%.
Chain strength is listed at room temperature. NR = Not Recommended.
For additional material information, see material portfolio.

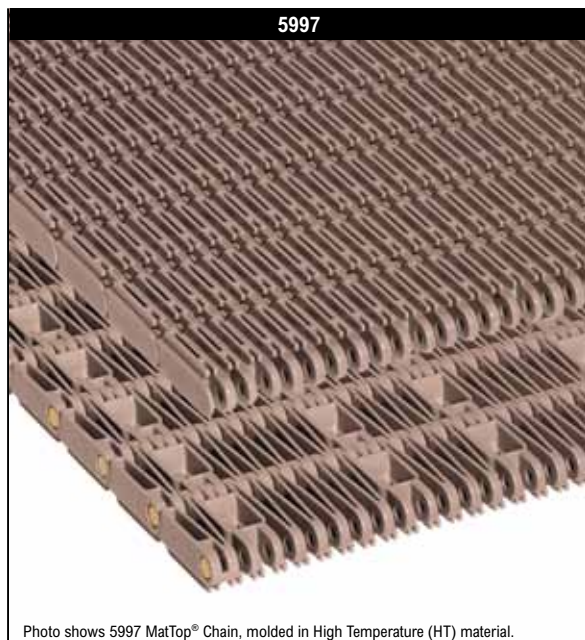
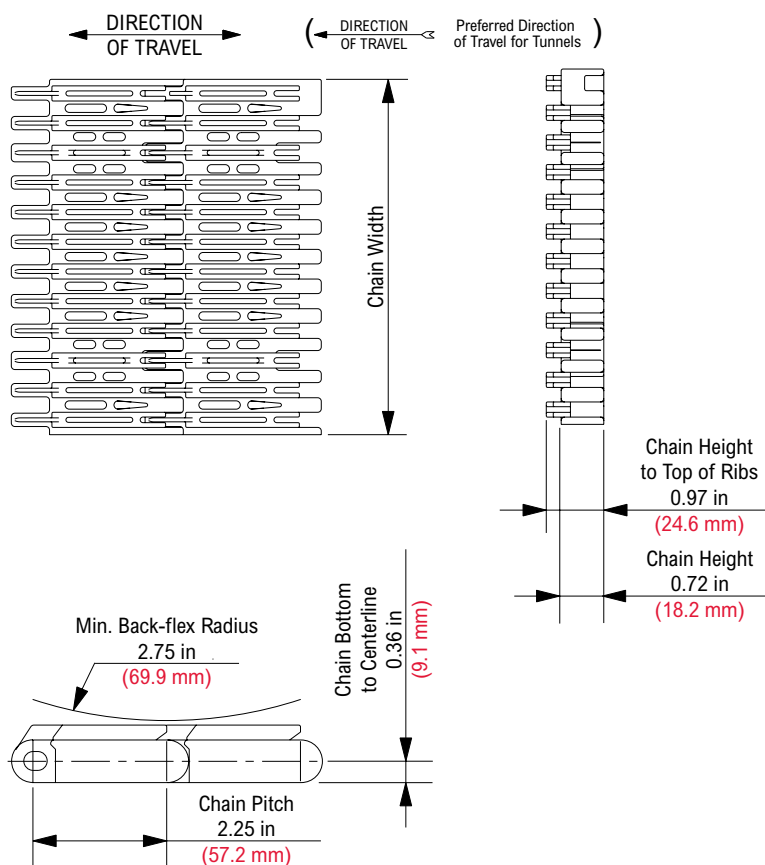


Photo shows 5997 MatTop® Chain, molded in High Temperature (HT) material.

Chain Information

Chain Capacity	Number of Sprockets			
	with Transfer Comb		without Transfer Comb	
	per ft	per m	per ft	per m
0% - 50%	4	13	2	7
50% - 100%	4	13	4	13

Chain Drawing



Available Materials

[illegible]

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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U.S. Patents: 4858753, 5096053, 5020659

Additional Notes

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

Open area = 22.3%.

Stainless steel pins are available on a made-to-order basis.

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

For additional material information, see material portfolio.

5998

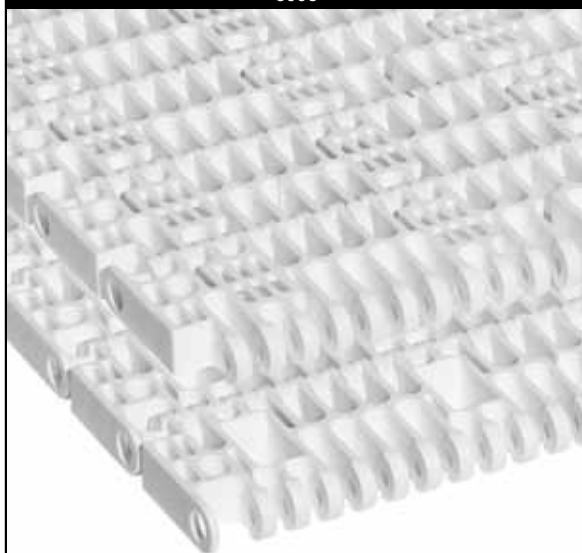
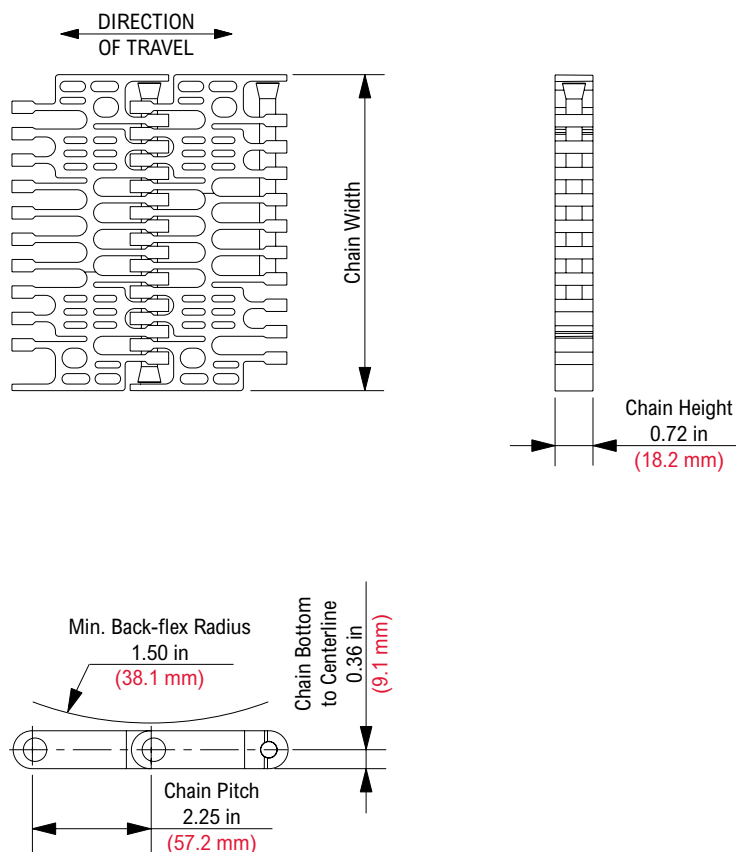


Photo shows 5998 MatTop® Chain molded in White High Temperature (WHT) material.

Chain Information

Chain Capacity	Number of Sprockets	
	per ft of width	per m of width
0% - 50%	2	7
50% - 100%	4	13

Chain Drawing



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						
Standard Materials														
WHT	White High Temperature	Polypropylene	40	220	212	4	104	100	2,400	35,016	1.70	8.30	Yes	
WLT	White Low Temperature	Polyethylene	-100	80	80	-73	27	27	1,600	23,344	1.80	8.79	Yes	
Made-to-Order Materials														
BLT	Blue Low Temperature	Polyethylene	-100	80	80	-73	27	27	1,600	23,344	1.80	8.79	Yes	
BSM	Black Cut Resistant	Polypropylene	-40	180	150	-40	82	66	3,500	51,065	2.30	11.23	Yes	
DUV	Plain Acetal Ultraviolet Resistant	Polypropylene	0	180	150	-18	82	66	3,500	51,065	2.30	11.23	No	
HS	Heat Stabilized	Polypropylene	-40	220	212	-40	104	100	3,500	51,065	2.30	11.23	No	
HT	High Temperature	Polypropylene	40	220	212	4	104	100	2,400	35,016	1.70	8.30	Yes	
HUV	High Temp. Ultraviolet Resistant	Polypropylene	40	220	180	4	104	82	2,400	35,016	1.70	8.30	No	
LUV	Low Temp. Ultraviolet Resistant	Polyethylene	-40	80	80	-40	27	27	1,600	23,344	1.80	8.79	No	
RHT	Red High Temperature	Polypropylene	40	220	212	4	104	100	2,400	35,016	1.70	8.30	Yes	
WD	White Plain Acetal	Polypropylene	-40	180	150	-40	82	66	3,500	51,065	2.30	11.23	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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U.S. Patents: 5816390, 5573106

Additional Notes

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

Open area = 45.0%.

Stainless steel pins are available on a made-to-order basis.

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

For additional material information, see material portfolio.

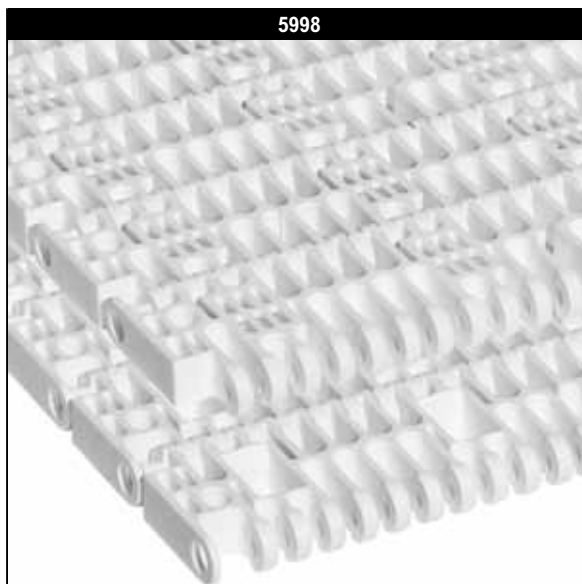
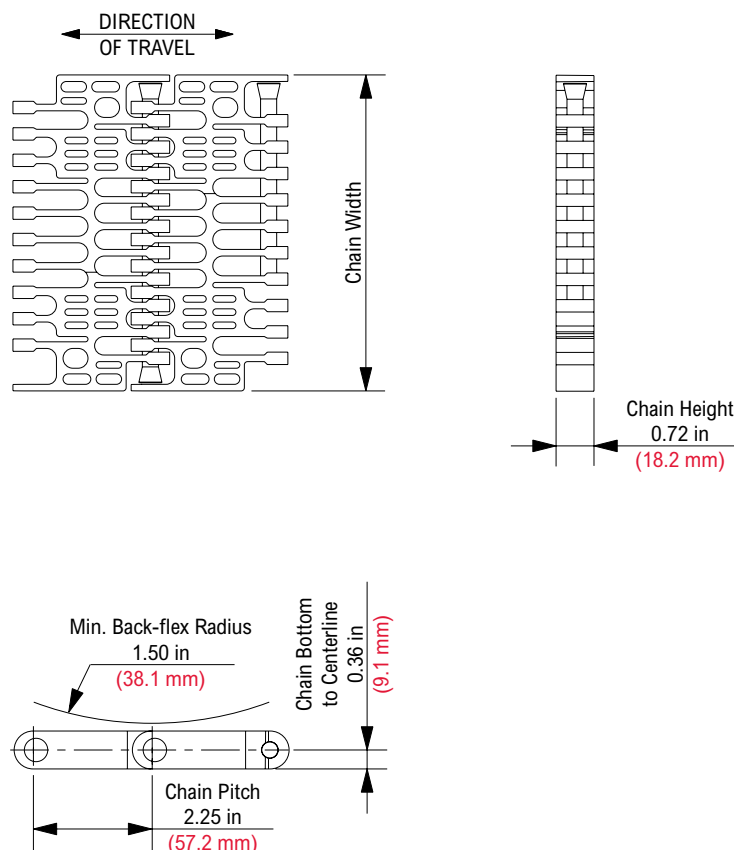


Photo shows 5998 MatTop® Chain molded in White Special Acetal Antimicrobial (WSA) material.

[illegible]

Chain Drawing



Available Materials

[illegible]

These materials will not protect the user against food-borne illness. Formulated to inhibit the growth of bacteria, mold and mildew that may cause discoloration, odor or degradation of the MatTop® chain. Always maintain good hygiene, proper cleaning procedures are still required. Microban is a registered trademark of Microban Products Company.



Regulatory Information

* All components used in the formulation of Microban Antimicrobial material have federal regulatory approval for direct food contact.

*** These materials meet the end-test requirements as specified by FDA 21CFR 177.1520 (c), the FDA requirement for polyolefin materials intended for direct food contact. All components of these materials are either compliant for food contact as listed by the FDA or regulated by the EPA.

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U.S. Patents: 5816390, 5573106

Additional Notes

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

Open area = 45.0%.

Stainless steel pins are available on a made-to-order basis.

The ability to detect plastic particles will vary due to sensitivity of individual metal detectors. All components may not be detectable.

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

For additional material information, see material portfolio.

5996 Semi-Steel Sprocket

0.56 in
(14.2 mm)
Face Width

Length thru Bore
1.62 in
(41.1 mm)

Bore Diameter
Pitch Diameter
Outside Diameter



0.56 in
(14.2 mm)
Face Width

Length thru Bore
1.62 in
(41.1 mm)

Bore Diameter
Pitch Diameter
Outside Diameter

SS5996 Stainless Steel Sprocket

0.63 in
(16.0 mm)
Face Width

Length thru Bore
1.50 in
(38.1 mm)

Bore Diameter
Pitch Diameter
Outside Diameter



0.63 in
(16.0 mm)

Face Width

Length thru Bore
1.50 in
(38.1 mm)

Bore Diameter

Pitch Diameter

Outside Diameter

N5996 Thermoplastic Sprocket

0.62 in
(15.7 mm)

Face Width

Length thru Bore
1.88 in*
(47.6 mm)

Pitch Diameter

Bore Diameter

Outside Diameter



0.62 in
(15.7 mm)
Face Width

Length thru Bore
1.88 in*
(47.6 mm)

Bore Diameter
Pitch Diameter
Outside Diameter

[illegible]

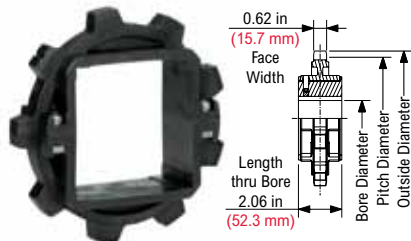
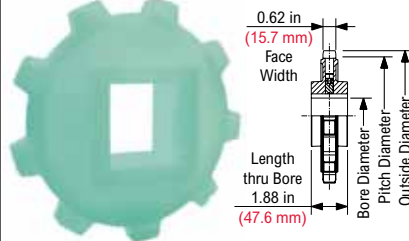
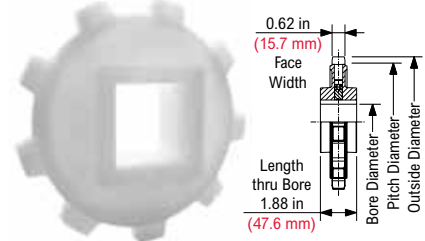
SS5996 Stainless Steel Sprocket Information

[illegible][illegible]

Shaft-ready round bore sprockets are shipped with keyway and setscrew. *17T sprocket length through bore dimension is 2.25 in (57.2 mm).

[illegible]

Shaft-ready round bore sprockets are shipped with keyway and setscrew.

NS5996 Thermoplastic Split Sprocket**HS5996 Thermoplastic Sprocket****PE5996 Thermoplastic Sprocket****NS5996 Thermoplastic Split Sprocket Information**

Number Of Teeth		Pitch Diameter		Outside Diameter		Bore Diameter (Shaft-Ready)								Bore Diameter (Idler)				Approximate Weight	
						Round				Square									
						in	mm	in	mm	in	mm	in	mm	in	mm	in	mm		
actual	effect	in	mm	in	mm	min	max	min	max	min	max	min	max	min	max	min	max	lbs	kg
9	9	6.579	167.11	6.46	164.1	1	2 3/4	25	70	1	3 1/2*	25	90*	1	2 3/4	25	70	1.68	0.76
12	12	8.693	220.80	8.70	221.0	1	2 3/4	25	70	1	3 1/2*	25	90*	1	2 3/4	25	70	1.98	0.90
14	14	10.111	256.82	10.03	254.8	1	4 1/2	25	120	1	4 1/2**	25	120**	1	3 1/2	25	90	2.12	0.96

* The 3-1/2 in and 90 mm bores for the 9 and 12 tooth square bore sprockets are supplied as molded bores. All other bores are supplied with split bore adapters.

** The 3-1/2 in, 4-1/2 in, 90 mm and 120 mm bores for the 14 tooth square bore sprockets are supplied as molded bores. All other bores are supplied with split bore adapters.

Imperial shaft-ready round bore sprockets are shipped with keyway and setscrew. Metric shaft-ready round bore sprockets are shipped with keyway and no setscrew. Idler boards are designed to spin freely on the shaft. Similar bore sizes are available with the use of split plastic adapters.

HS5996 Thermoplastic Sprocket Imperial Information

Number of Teeth		Pitch Diameter		Outside Diameter		Imperial Bore Diameter			Approximate Weight		
						Square					
actual	effect	in	mm	in	mm	in			in	mm	
9	9	6.579	167.11	6.46	164.1	1 1/2 in		2 in	3 1/2 in	0.88	0.40

Shaft-ready round bore sprockets are shipped with keyway and setscrew.

HS5996 Thermoplastic Sprocket Metric Information

Number of Teeth		Pitch Diameter		Outside Diameter		Metric Bore Diameter				Approximate Weight	
						Square					
actual	effect	in	mm	in	mm	mm				in	mm
9	9	6.579	167.11	6.46	164.1	40				0.88	0.40
14	14	10.111	256.82	10.10	256.5	-				1.60	0.73

Shaft-ready round bore sprockets are shipped with keyway and setscrew.

PE5996 Thermoplastic Sprocket Imperial Information

Number of Teeth		Pitch Diameter		Outside Diameter		Imperial Bore Diameter							Approximate Weight	
						Round			Square					
actual	effect	in	mm	in	mm	in			in				lbs	kg
7	7	5.186	131.72	4.94	125.5	-	-	-	1 1/2	-	-	-	0.38	0.17
9	9	6.579	167.11	6.46	164.1	1 3/16	1 1/4	2 7/16	1 1/2	2	2 1/2	-	0.69	0.31

Shaft-ready round bore sprockets are shipped with keyway and setscrew.

Pusher Attachment (F-Style)

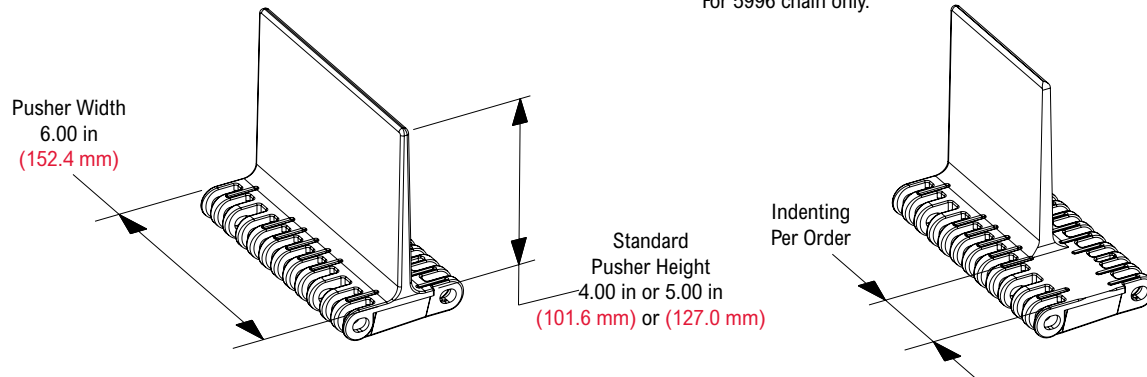
All pusher attachments are molded 6 in (152.4 mm) wide and can be cut down to a minimum height of 1/4 in (6.35 mm).

The F4 designation represents an F-style pusher attachment at a height of 4 in (101.6 mm).

Please indicate if pusher attachments are required every pitch, every second pitch, etc. when ordering. Also, indicate if indents are required in the center, on one or both sides of the chain.

For example, "I would like F4 pusher attachments every 8th pitch indented 3/4 in on both sides of the chain."

For 5996 chain only.



Pusher Attachment (F-Style)

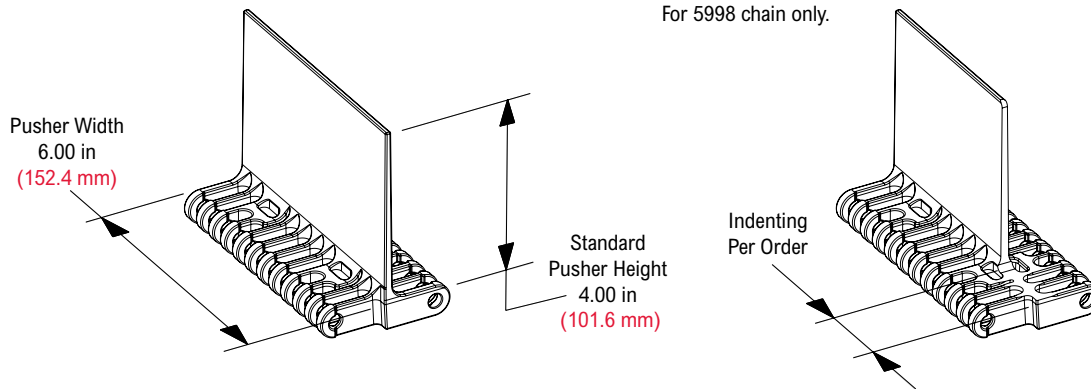
All pusher attachments are molded 6 in (152.4 mm) wide and can be cut down to a minimum height of 1/4 in (6.35 mm).

The F4 designation represents an F-style pusher attachment at a height of 4 in (101.6 mm).

Please indicate if pusher attachments are required every pitch, every second pitch, etc. when ordering. Also, indicate if indents are required in the center, on one or both sides of the chain.

For example, "I would like F4 pusher attachments every 8th pitch indented 3/4 in on both sides of the chain."

For 5998 chain only.



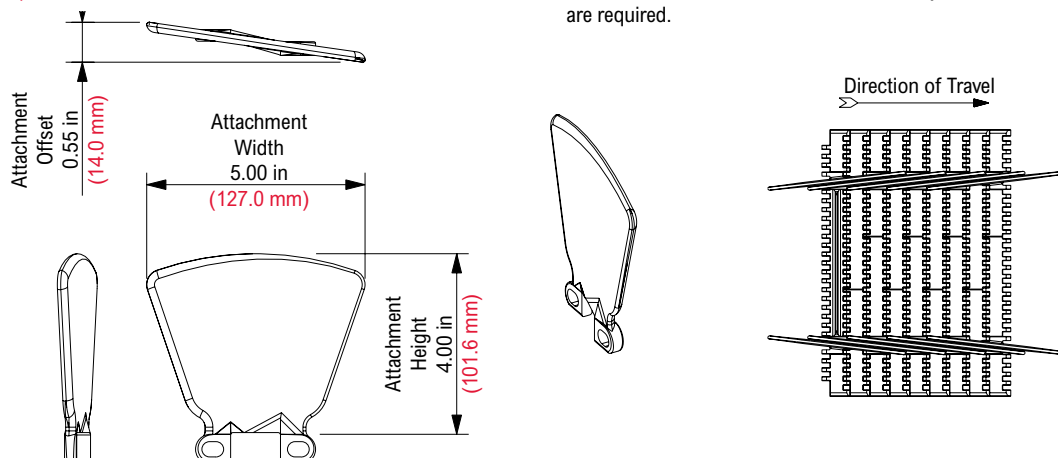
Sideguard Attachment

Please indicate if sideguard attachments are required down one or both sides of the chain when ordering.

Sideguard attachments can be cut down to a minimum height of 1 in (25.4 mm).

If the chain is ordered with both sideguard and pusher attachments, the sideguard attachment will be furnished the same height as the pusher attachment.

Please contact Rexnord Industries, Inc if any deviations from this standard are required.

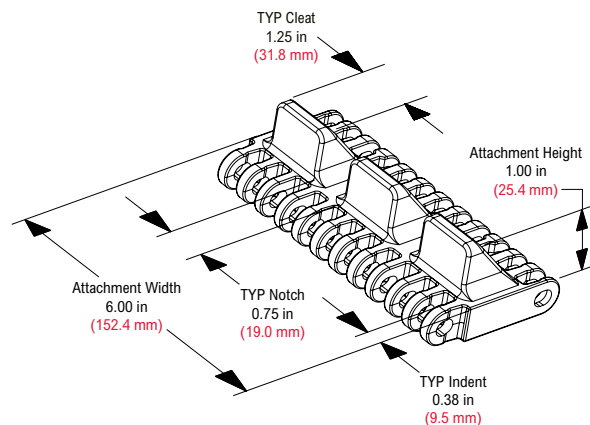


Pusher Attachment (T1 - Style)

All pusher attachments are molded 6 in (152.4 mm) wide.

The T1 designation represents an T-style pusher attachment at a height of 1 in (25.4 mm).

For 5995 chain only.



Please indicate if pusher attachments are required every second pitch, every fourth pitch, etc. When ordering. Standard indents are 3.00 in (76.2 mm) starting at 3.38 in (85.9 mm) placed on even pitch locations (ie. Every 2nd, 4th, 6th, etc).

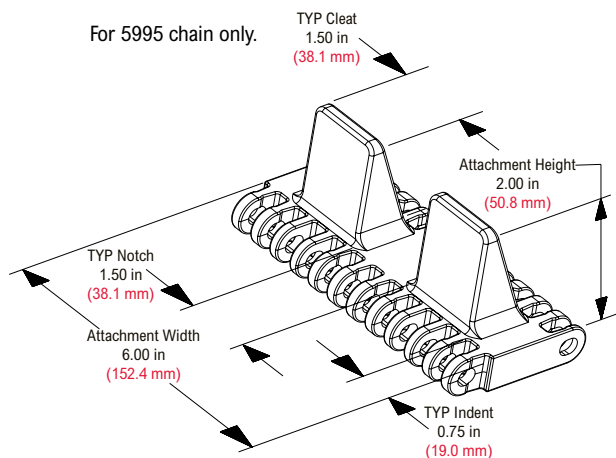
For example, "I would like an 18" width T1 pusher attachment every 8th pitch indented 12" on the right side of the chain."

Pusher Attachment (T2 - Style)

All pusher attachments are molded 6 in (152.4 mm) wide.

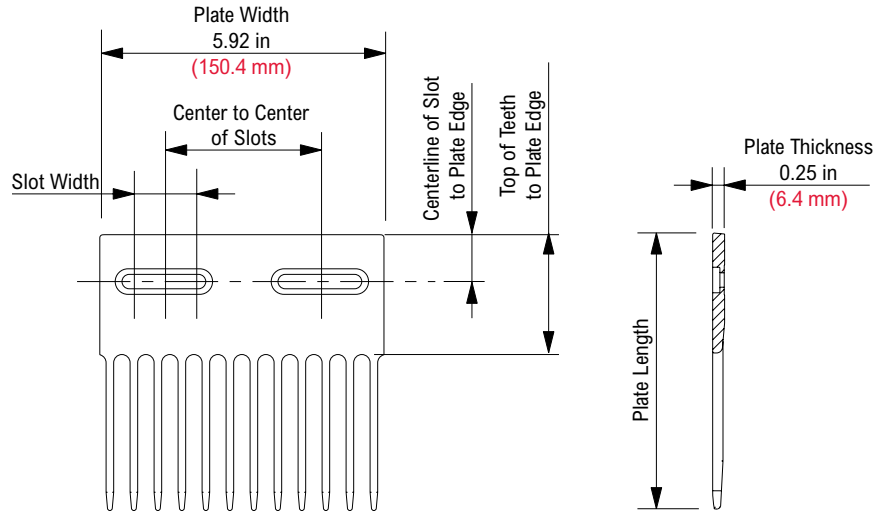
The T2 designation represents an T-style pusher attachment at a height of 2 in (50.8 mm).

For 5995 chain only.



Please indicate if pusher attachments are required every second pitch, every fourth pitch, etc. When ordering. Standard indents are 3.00 in (76.2 mm) starting at 3.75 in (95.3 mm) placed on even pitch locations (ie. Every 2nd, 4th, 6th, etc).

For example, "I would like an 18" width T2 pusher attachment every 8th pitch indented 12" on the right side of the chain."



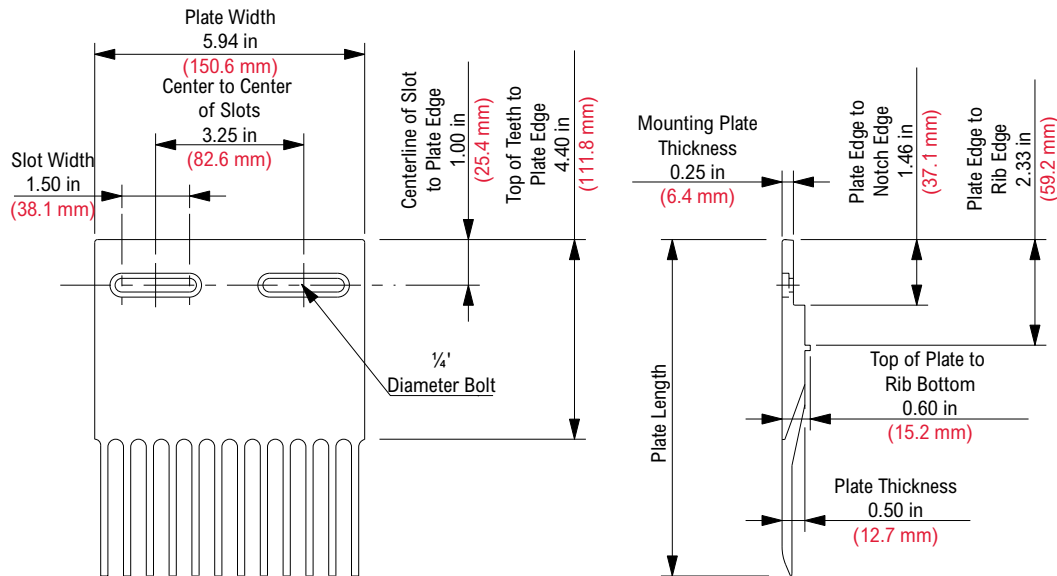
The 114-222-1 transfer comb is molded in white acetal. The 114-683-1 and 114-1010-1 transfer combs are molded in a proprietary black internally lubricated high temperature material.

Transfer comb kits are supplied with 1/4 x 20 screws and slot caps.

For 5997 and 4707 chains only.

Transfer Comb Kit Number	Transfer Plate Part Number	Screw Part Number	Slot Caps Part Number	Plate Length		Slot Width		Centerline of Slot to Plate Edge		Top of Teeth to Plate Edge		Center to Center of Slots		Approximate Weight	
				in	mm	in	mm	in	mm	in	mm	in	mm	lbs	kg
614-72-1	114-222-1	114-870-1	114-869-2	5.75	146.1	0.75	19.1	1.00	25.4	2.24	56.9	4.00	101.6	0.24	0.11
614-73-1	114-683-1	114-870-1	114-1009-2	8.50	215.9	1.50	38.1	2.00	50.8	3.50	88.9	3.25	82.6	0.28	0.13
614-74-1	114-1010-1	114-870-1	114-1009-2	7.50	190.5	1.50	38.1	1.00	25.4	2.50	63.5	3.25	82.6	0.30	0.14

4707/5997/Fortex Heavy Duty Transfer Comb Kit



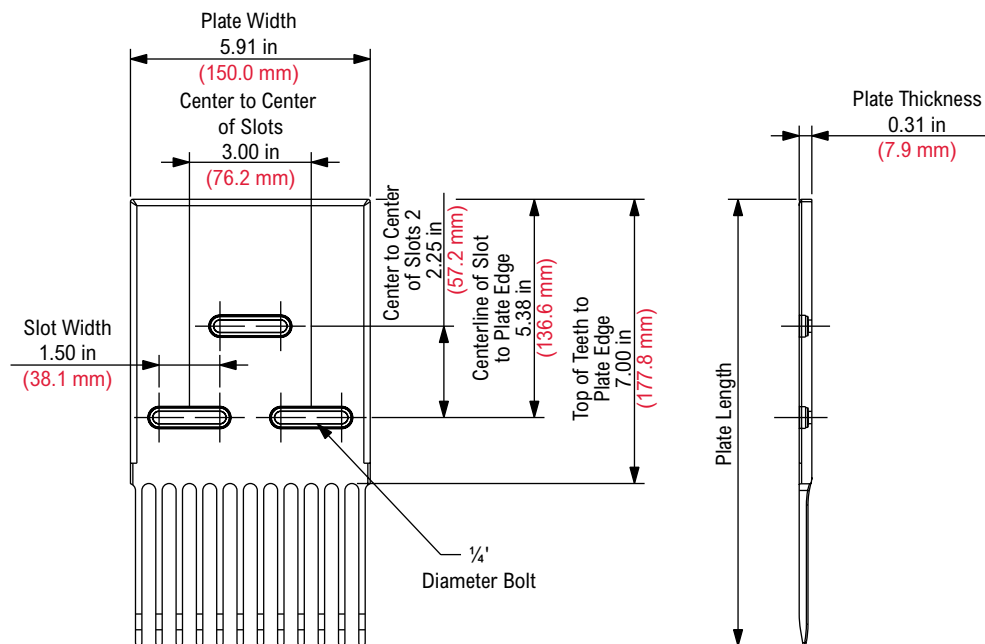
Transfer combs are molded in a proprietary black internally lubricated high temperature material.

Transfer comb kits are supplied with 1/4 x 20 screws and slot caps.

For 5997, 4707 and 9200 chains only.

The 114-3275-1 transfer comb has the bottom rib removed.

Transfer Comb Kit Number	Transfer Plate Part Number	Screw Part Number	Slot Caps Part Number	Plate Length		Slot Width		Centerline of Slot to Plate Edge		Top of Teeth to Plate Edge		Center to Center of Slots		Approximate Weight	
				in	mm	in	mm	in	mm	in	mm	in	mm	lbs	kg
614-266-1	114-5346-1	114-870-1	114-1009-2	6.18	157.0	1.50	38.1	1.00	25.4	4.40	111.8	3.25	82.6	0.48	0.22
614-267-1	114-5347-1	114-870-1	114-1009-2	7.95	201.9	1.50	38.1	1.00	25.4	4.40	111.8	3.25	82.6	0.53	0.24
614-268-1	114-3275-1	114-870-1	114-1009-2	7.95	201.9	1.50	38.1	1.00	25.4	4.40	111.8	3.25	82.6	0.53	0.24



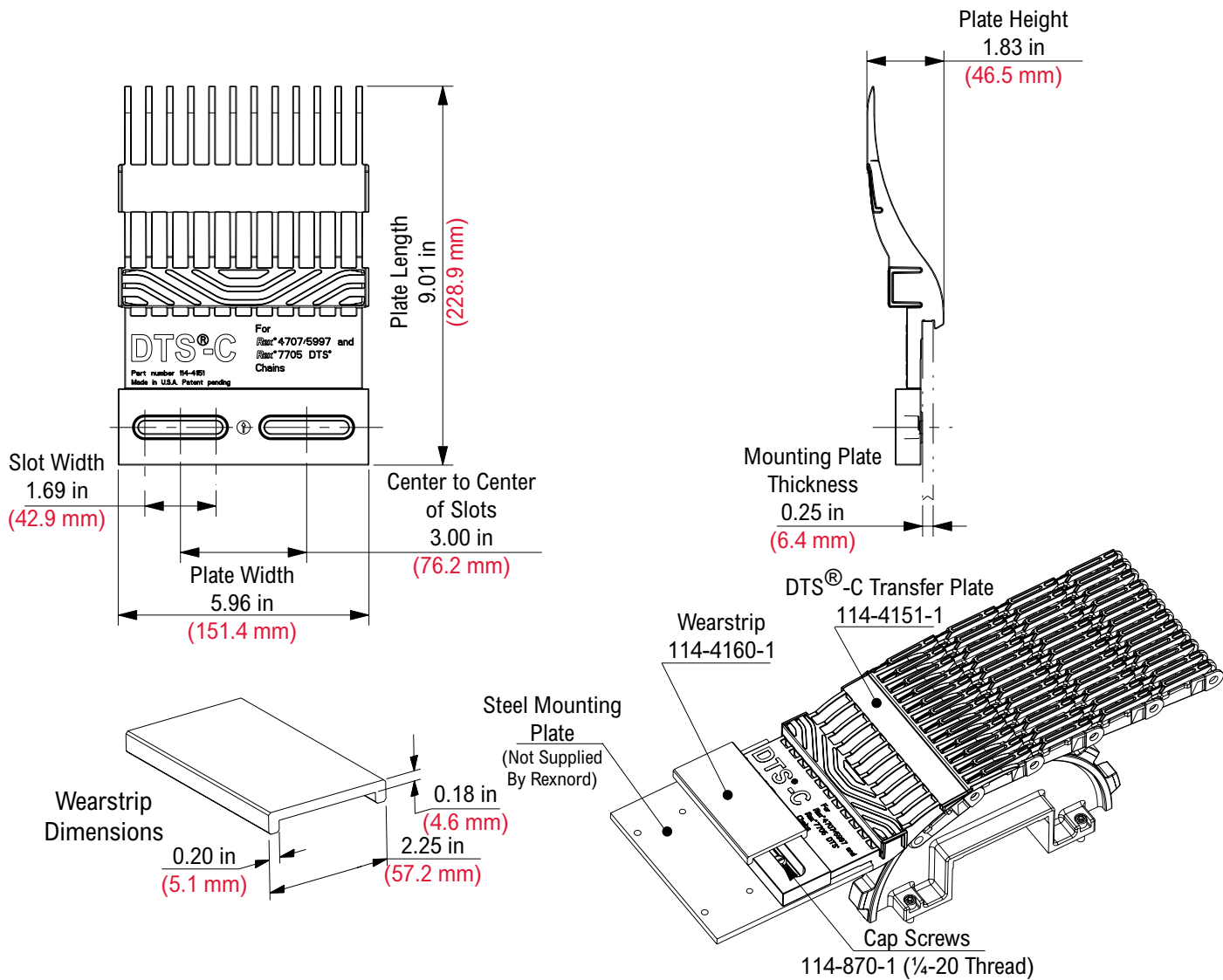
Transfer combs are molded in a proprietary black internally lubricated high temperature material.

The 614-726-1 and 614-727-1 transfer comb kits are supplied with 1/4 x 20 screws and slot caps.

The 614-726-2 and 614-727-2 transfer comb kits are supplied with M6 x 1 screws and slot caps.

For 5997 and 9200 chains only.

Transfer Comb Kit Number	Transfer Plate Part Number	Screw Part Number	Slot Caps Part Number	Plate Length		Slot Width		Distance From Centerline of Slot to Plate Edge		Distance From Top of Teeth to Plate Edge		Distance Between Center to Center of Slots		Approximate Weight	
				in	mm	in	mm	in	mm	in	mm	in	mm	lbs	kg
614-726-1	114-5200-1	114-870-1	114-1009-2	11.00	38.1	1.50	38.1	5.38	136.7	7.00	177.8	3.00	76.2	0.31	0.14
614-726-2	114-5200-1	I0000683291	114-1009-2	11.00	38.1	1.50	38.1	5.38	136.7	7.00	177.8	3.00	76.2	0.31	0.14
614-727-1	114-5201-1	114-870-1	114-1009-2	9.75	247.7	1.50	38.1	5.38	136.7	7.00	177.8	3.00	76.2	0.28	0.13
614-727-2	114-5201-1	I0000683291	114-1009-2	9.75	247.7	1.50	38.1	5.38	136.7	7.00	177.8	3.00	76.2	0.28	0.13



DTS-C Component Part Numbers

Component Description	Kit Part Number	Comb Part Number	Screw Part Number	Wearstrip Part Number (10 ft length)	For Use With:		
					Raised Rib Chain	DTS Chain	Takeaway Chain
DTS-C Comb Kit	614- 448-1	114-4151-1	114-870-1	NA	4707, 5997, 9217, 9227, or 9237	7705DTS-450	7705, 7706 or 1055
Wearstrip	NA			114-4160-1			

Each kit includes one comb and two mounting screws.
Wearstrip is sold in 10 ft (3.048 m) lengths and is sold separately.