



FliteTop[®]

Gripper Chains



INDUSTRIES AND APPLICATIONS

GRIPPER CHAINS

Suitable for handling plastic and glass bottles, aluminum and steel cans through an elevated path.

INDUSTRIES

Bottling and canning
Glass manufacturing
Container manufacturing
Food filling

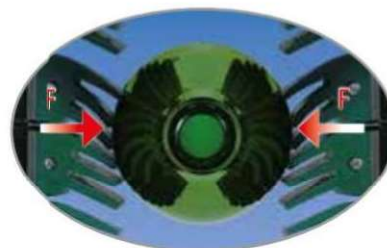
APPLICATIONS

Elevator
Lowerator
Pass through conveyors
Rinsers



FEATURES

- Powered by ASA 40 and ASA 60 base roller chains made by REGINA in Italy. In particular:
 - Stainless steel chain prelubricated with high performance lube suitable for the food industry (USDA H1 approved) which guarantees long-lasting effect for the chain.
 - ENDURO maintenance free chain that eliminates need for periodic lubrication.
- Wide range of rubber pads exerting an ideal and fine-tuned force on the products for each specific application.
- Reliable fixing system of gripper to the flight.



Available with ENDURO maintenance free base chains.



- "Heavy wall" sintered bushing, impregnated with USDA H1 food approved oil
- Hard plated pin
- Galvanically coated plates and rollers for resistance to mildly aggressive environment



BENEFITS

- DRAMATIC WEAR LIFE INCREASE COMPARED TO STANDARD CHAINS IN UN-LUBRICATED CONDITIONS
- ELIMINATE NEED FOR PERIODIC LUBRICATION
- NO PRODUCT OR EQUIPMENT CONTAMINATION
- RESISTANCE TO CORROSION IN MILDLY AGGRESSIVE ENVIRONMENT
- SAVINGS IN LUBRICATION AND MAINTENANCE COSTS



Comparative wear test - 16B-1 chains with sintered bushings.

Regina Catene Calibrate S.p.A. - Laboratory

13/07/2011

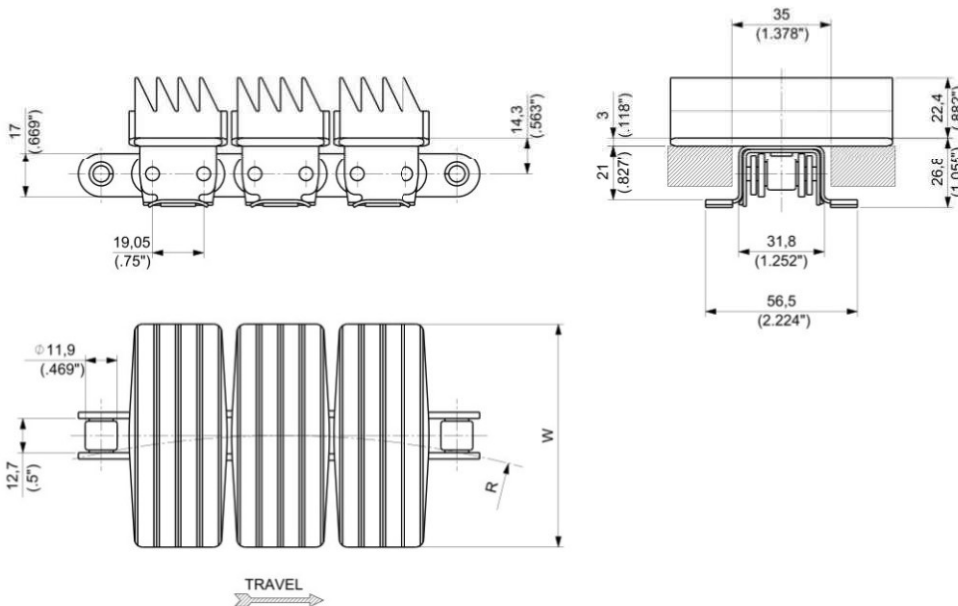


TEST CONDITIONS

Rpm: 234
Sprockets: z1=15 z2=15
Chain pull: 3'432 N (350kg)
Chain speed: 1,50 m/s
Specific pressure pin/bushing: 17 N/mm²
No lubrication during the test

TAB STEEL FLIGHTS
3/4" PITCH ROLLER CHAIN
SHORT FINGERS RUBBER PAD
THICKNESS 3 mm (0.118")
HINGE 31,8 mm (1.252")

POWERED
BY BASE ROLLER
CHAIN MADE
BY REGINA
IN ITALY



Materials
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





Sprockets
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Corner tracks
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Applications
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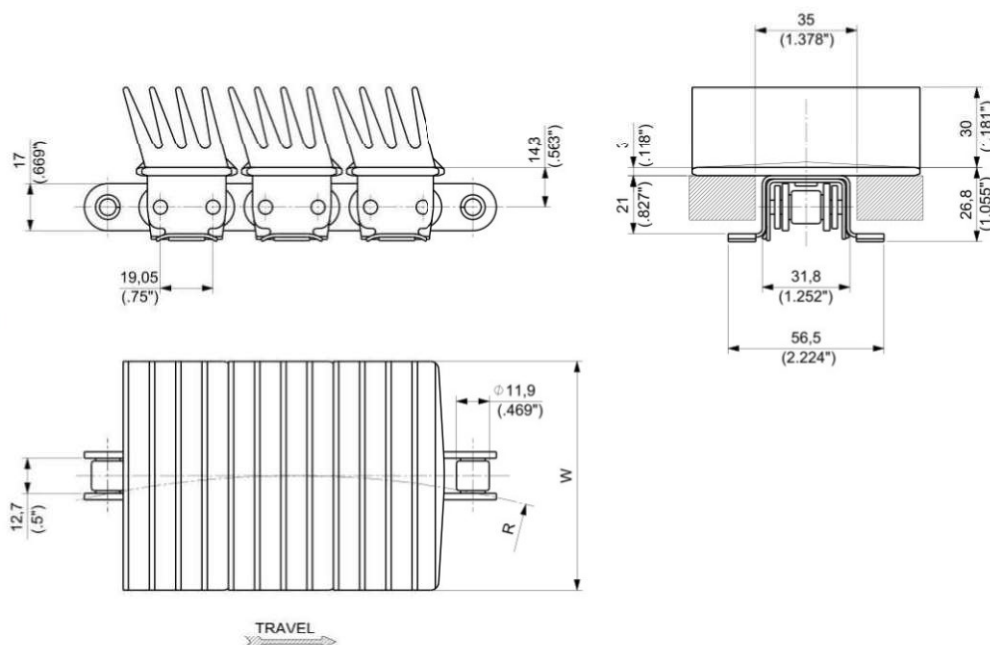
MATERIALS			ITEM DESCRIPTION	PART NUMBER	CONNECTING LINK PART NUMBER	WIDTH W		SIDEFLEXING RADIUS R		WORKING LOAD (25°C/77°F)		WEIGHT	
Flight	Base Chain	Rubber				mm	inch	mm	inch	N	lbs	kg/m	lbs/ft
		 Hardness: 60 ShA	GV 1874T K 3 1/4	GV1874KD/010	18/0873	82,6	3.25	381	15	4500	1,012	5,65	3.79
			GV 1874T K 4 1/2	GV1874KG/010		114,3	4.50	381	15	4500	1,012	6,71	4.51
		 Hardness: 60 ShA	GV 1874T SS K 3 1/4	GV1874SKD/010	18/SS873AB	82,6	3.25	381	15	3500	787	5,57	3.74
			GV 1874T SS K 4 1/2	GV1874SKG/010		114,3	4.50	381	15	3500	787	6,63	4.46



Standard packaging:
Rolls of 3,048 m (10 feet)

TAB STEEL FLIGHTS
3/4" PITCH ROLLER CHAIN
LONG FINGERS RUBBER PAD
THICKNESS 3 mm (0.118")
HINGE 31,8 mm (1.252")

POWERED
BY BASE ROLLER
CHAIN MADE
BY REGINA
IN ITALY



Materials
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Sprockets
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Corner tracks
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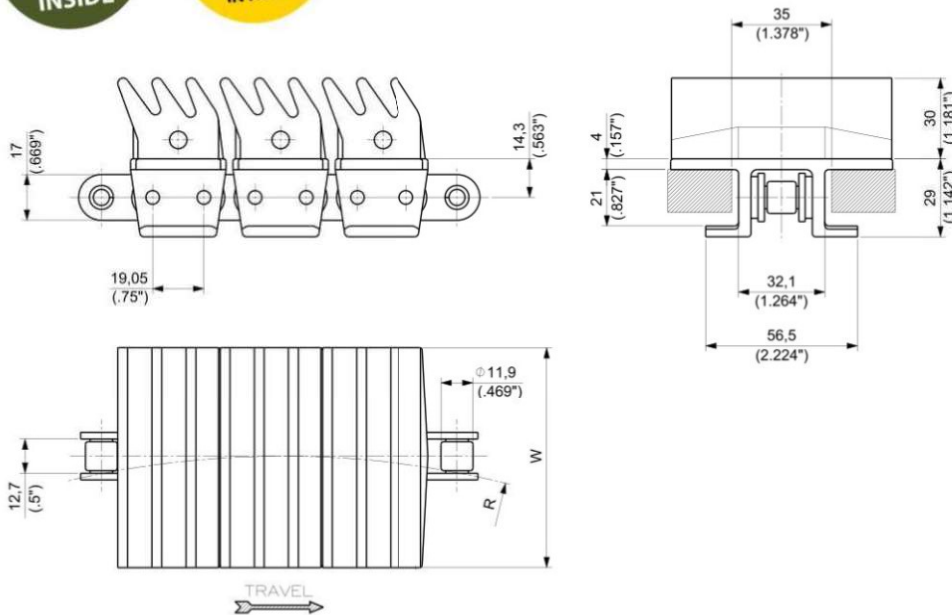
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MATERIALS			ITEM DESCRIPTION	PART NUMBER	CONNECTING LINK PART NUMBER	WIDTH W		SIDEFLEXING RADIUS R		WORKING LOAD (25°C/77°F)		WEIGHT	
Flight	Base Chain	Rubber				mm	inch	mm	inch	N	lbs	kg/m	lbs/ft
CARBON STEEL S	CARBON STEEL S	EPDM Hardness: 60 ShA	EV 1874T K 3 1/4	EV1874KD/010	18/0873	82,6	3.25	381	15	4500	1,012	5,67	3.81
STAINLESS STEEL SS	STAINLESS STEEL SS	EPDM Hardness: 60 ShA	EV 1874T SS K 3 1/4	EV1874SKD/010	18/SS873AB	82,6	3.25	381	15	3500	787	5,60	3.76



Standard packaging:
Rolls of 3,048 m (10 feet)

TAB PLASTIC FLIGHTS
3/4" PITCH ROLLER CHAIN
SHORT FINGERS RUBBER PAD
THICKNESS 4 mm (0.157")
HINGE 32,1 mm (1.264")



Materials
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Sprockets
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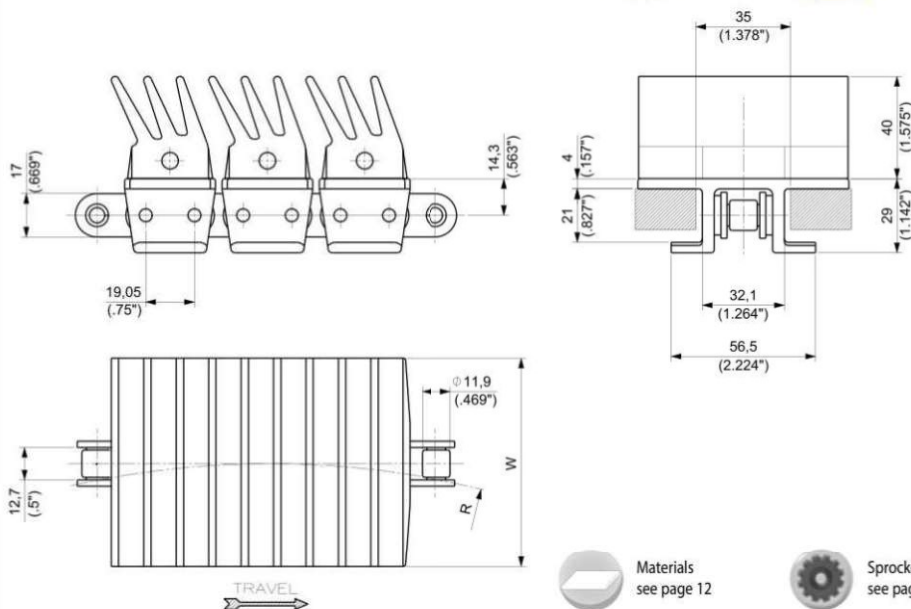
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Flight	MATERIALS		ITEM DESCRIPTION	PART NUMBER	CONNECTING LINK PART NUMBER	WIDTH W		SIDEFLEXING RADIUS R	WORKING LOAD (25°C/77°F)	WEIGHT		
	Base chain	Rubber				mm	inch			N	lbs	kg/m lbs/ft
	CARBON STEEL		GW1873T UP K 3/4	GW1873KD/000	18/0873	82,6	3.25	355,6	14	4500	1012	4,54 3.05
ULTRA PERFORMANCE HOMOPOLYMER DELRIN® UP	STAINLESS STEEL	THERMOPLASTIC TPE Hardness: 50 ShA	GW1873T UP SS K 3/4	GW1873SKD/000	18/SS873AB	82,6	3.25	355,6	14	3500	787	4,49 3.02
	MAINTENANCE FREE CARBON STEEL		GW1873T UP BS K 3/4	GW1873UPBKD/000	18/873BS	82,6	3.25	355,6	14	3500	787	4,28 2.87
	CARBON STEEL		GW1873T D2K K 3/4	GW1873D2KKD/000	18/0873	82,6	3.25	355,6	14	4500	1012	4,54 3.05
SPECIAL DELRIN® REINFORCED WITH KEVLAR®	STAINLESS STEEL	THERMOPLASTIC TPE Hardness: 50 ShA	GW1873T D2K SS K 3/4	GW1873D2KSKD/000	18/SS873AB	82,6	3.25	355,6	14	3500	787	4,49 3.02
	MAINTENANCE FREE CARBON STEEL		GW1873T D2K BS K 3/4	GW1873D2KBD/000	18/873BS	82,6	3.25	355,6	14	3500	787	4,28 2.87



Standard packaging:
Rolls of 3,048 m (10 feet)

TAB PLASTIC FLIGHTS
3/4" PITCH ROLLER CHAIN
LONG FINGERS RUBBER PAD
THICKNESS 4 mm (0.157")
HINGE 32,1 mm (1.264")



Materials
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Sprockets
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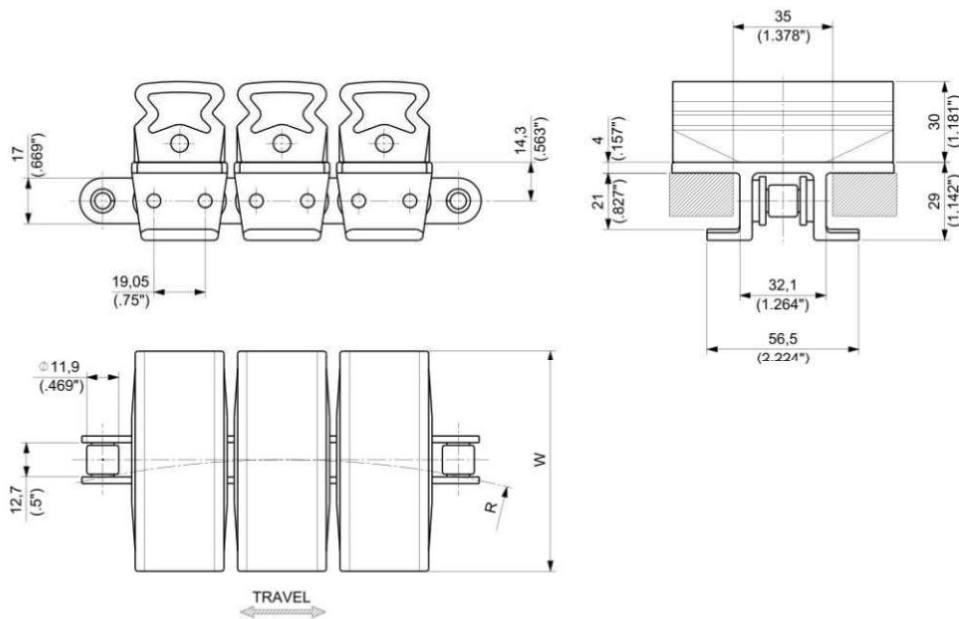
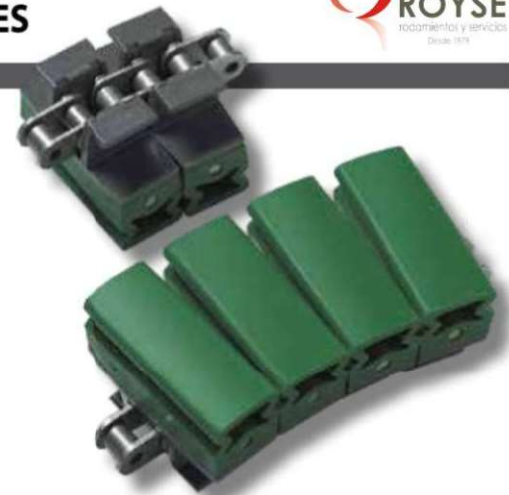
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MATERIALS			ITEM DESCRIPTION	PART NUMBER	CONNECTING LINK PART NUMBER	WIDTH W		SIDEFLEXING RADIUS		WORKING LOAD (25°C/77°F)		WEIGHT		
Flight	Base chain	Rubber				mm	inch	mm ^R	inch	N	lbs	kg/m	lbs/ft	
ULTRA PERFORMANCE HOMOPOLYMER DELRIN® UP			EW 1873T UP K 3 ¼	EW1873KD/000	18/0873	82,6	3.25	355,6	14.00	4500	1012	4,68	3.14	
			EW 1873T UP K 4 ½	EW1873UPKG/000		114,3	4.50	355,6	14.00	4500	1012	5,72	3.84	
		THERMOPLASTIC TPE Hardness: 50 ShA	EW 1873T UP SS K 3 ¼	EW1873SKD/000	18/SS873AB	82,6	3.25	355,6	14.00	3500	787	4,62	3.11	
			EW 1873T UP SS K 4 ½	EW1873UPSKG/000		114,3	4.50	355,6	14.00	3500	787	5,67	3.81	
			EW 1873T UP BS K 3 ¼	EW1873UPBKD/000	18/873BS	82,6	3.25	355,6	14.00	3500	787	4,38	2.95	
			EW 1873T UP BS K 4 ½	EW1873UPBKG/000		114,3	4.50	355,6	14.00	3500	787	5,32	3.57	
		HEAT STABILIZED THERMOPLASTIC HS Hardness: 45 ShA	EW 1873T UP HS SS K 3 ¼	EW1873HSSKD/003	18/SS873AB	82,6	3.25	355,6	14.00	3500	787	4,62	3.11	
	SPECIAL DELRIN® REINFORCED WITH KEVLAR® DK22™			EW 1873T D2K K 3 ¼	EW1873D2KKD/000	18/0873	82,6	3.25	355,6	14.00	4500	1012	4,68	3.14
				EW 1873T D2K K 4 ½	EW1873D2KKG/000		114,3	4.50	355,6	14.00	4500	1012	5,72	3.84
		THERMOPLASTIC TPE Hardness: 50 ShA	EW 1873T D2K SS K 3 ¼	EW1873D2KSKD/000	18/SS873AB	82,6	3.25	355,6	14.00	3500	787	4,62	3.11	
			EW 1873T D2K SS K 4 ½	EW1873D2KSKG/000		114,3	4.50	355,6	14.00	3500	787	5,67	3.81	
			EW 1873T D2K BS K 3 ¼	EW1873D2KBKD/000	18/873BS	82,6	3.25	355,6	14.00	3500	787	4,38	2.95	
			EW 1873T D2K BS K 4 ½	EW1873D2KBKG/000		114,3	4.50	355,6	14.00	3500	787	5,32	3.57	
		HEAT STABILIZED THERMOPLASTIC HS Hardness: 45 ShA	EW 1873T D2K HS SS K 3 ¼	EW1873HSSKD/002	18/SS873AB	82,6	3.25	355,6	14.00	3500	787	4,62	3.11	



Standard packaging:
Rolls of 3,048 m (10 feet)

TAB PLASTIC FLIGHTS
3/4" PITCH ROLLER CHAIN
D-SHAPE RUBBER PAD
THICKNESS 4 mm (0.157")
HINGE 32,1 mm (1.264")



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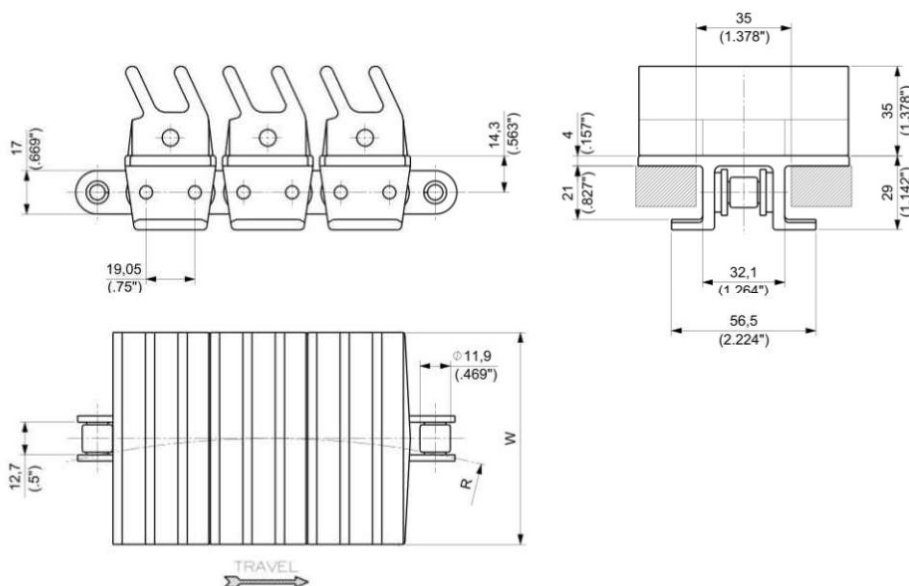
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	MATERIALS		ITEM DESCRIPTION	PART NUMBER	CONNECTING LINK PART NUMBER	WIDTH W		SIDEFLEXING RADIUS		WORKING LOAD (25°C/77°F)		WEIGHT	
Flight	Base chain	Rubber				mm	inch	mm ^R	inch	N	lbs	kg/m	lbs/ft
ULTRA PERFORMANCE HOMOPOLYMER DELRIN® UP	CARBON STEEL 		GD 1873T UP K 3 ¼	GD1873UPKD/000	18/0873	82,6	3.25	355,6	14	4500	1012	4,29	2.88
	STAINLESS STEEL 	THERMOPLASTIC  Hardness: 50 ShA	GD 1873T UP SS K 3 ¼	GD1873UPSKD/000	18/SS873AB	82,6	3.25	355,6	14	3500	787	4,24	2.85
	MAINTENANCE FREE CARBON STEEL 		GD 1873T UP BS K 3 ¼	GD1873UPBKD/000	18/873BS	82,6	3.25	355,6	14	3500	787	4,07	2.73
SPECIAL DELRIN® REINFORCED WITH KEVLAR® 	CARBON STEEL 		GD 1873T D2K K 3 ¼	GD1873D2KKD/000	18/0873	82,6	3.25	355,6	14	4500	1012	4,29	2.88
	STAINLESS STEEL 	THERMOPLASTIC  Hardness: 50 ShA	GD 1873T D2K SS K 3 ¼	GD1873D2KSKD/000	18/SS873AB	82,6	3.25	355,6	14	3500	787	4,24	2.85
	MAINTENANCE FREE CARBON STEEL 		GD 1873T D2K BS K 3 ¼	GD1873D2KBKD/000	18/873BS	82,6	3.25	355,6	14	3500	787	4,07	2.73



Standard packaging:
Rolls of 3,048 m (10 feet)

TAB PLASTIC FLIGHTS
¾" PITCH ROLLER CHAIN
U-SHAPE RUBBER PAD
THICKNESS 4 mm (0.157")
HINGE 32,1 mm (1.264")



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MATERIALS			ITEM DESCRIPTION	PART NUMBER	CONNECTING LINK PART NUMBER	WIDTH W		SIDEFLEXING RADIUS R		WORKING LOAD (25°C/77°F)		WEIGHT	
Flight	Base chain	Rubber				mm	inch	mm	inch	N	lbs	kg/m	lbs/ft
ULTRA PERFORMANCE HOMOPOLYMER DELRIN® UP	CARBON STEEL	THERMOPLASTIC TPE Hardness: 50 Sha	GU 1873T UP K 3 ¼	GU1873UPKD/000	18/0873	82,6	3.25	355,6	14	4500	1012	4,41	2.96
	5		GU 1873T UP K 4 ½	GU1873UPKG/000		114,3	4.50	355,6	14	4500	1012	5,35	3.59
	SS		GU 1873T UP SS K 3 ¼	GU1873UPSKD/000	18/SS873AB	82,6	3.25	355,6	14	3500	787	4,35	2.93
	SS		GU 1873T UP SS K 4 ½	GU1873UPSKG/000		114,3	4.50	355,6	14	3500	787	5,29	3.56
SPECIAL DELRIN® REINFORCED WITH KEVLAR® DK2	CARBON STEEL	THERMOPLASTIC TPE Hardness: 50 Sha	GU 1873T D2K K 3 ¼	GU1873D2KKD/000	18/0873	82,6	3.25	355,6	14	4500	1012	4,41	2.96
	5		GU 1873T D2K K 4 ½	GU1873D2KKG/000		114,3	4.50	355,6	14	4500	1012	5,35	3.59
	SS		GU 1873T D2K SS K 3 ¼	GU1873D2KSKD/000	18/SS873AB	82,6	3.25	355,6	14	3500	787	4,35	2.93
	SS		GU 1873T D2K SS K 4 ½	GU1873D2KSKG/000		114,3	4.50	355,6	14	3500	787	5,29	3.56



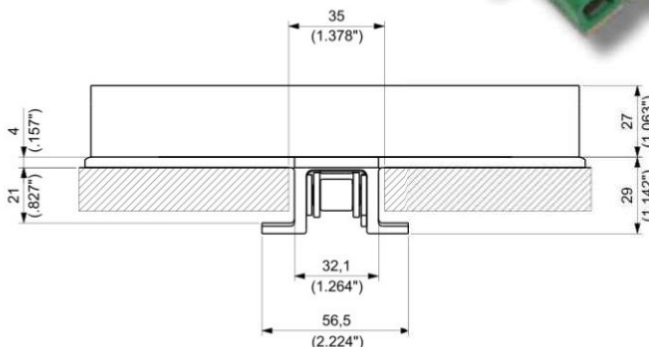
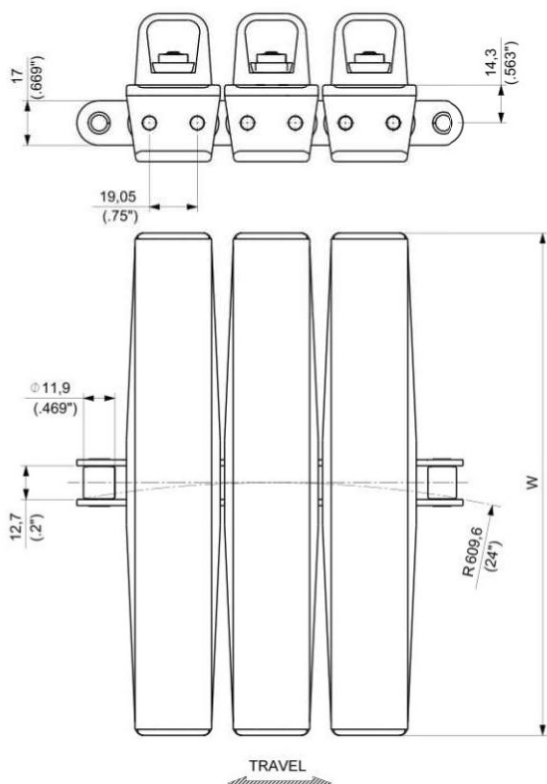
Standard packaging:
Rolls of 3,048 m (10 feet)

TAB PLASTIC FLIGHTS
3/4" PITCH ROLLER CHAIN
D-SHAPE RUBBER PAD
THICKNESS 4 mm (0.157")
HINGE 32,1 mm (1.264")



POWERED
BY BASE ROLLER
CHAIN MADE
BY REGINA
IN ITALY

NEW



Materials
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Sprockets
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Applications
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Flight	Base chain	Rubber	ITEM DESCRIPTION	PART NUMBER	CONNECTING LINK PART NUMBER	WIDTH W mm inch	SIDEFLEXING RADIUS R mm inch	WORKING LOAD (25°C/77°F) N lbs	WEIGHT kg/m lbs/ft
ULTRA PERFORMANCE HOMOPOLYMER DELRIN® UP	THERMOPLASTIC TPE Hardness: 50 ShA	STAINLESS STEEL SS	GD 1873T UP SS K 7 1/2	GD1873UPSKL/000	18/SS873AB	190,5 7.50	609,6 24	3500 787	4,90 3.29
			GD 1873T UP H SS K 7 1/2	GD1873UPHSKL/000	18/SS873AB	190,5 7.50	609,6 24	3500 787	5,26 3.53
SPECIAL DELRIN® REINFORCED WITH KEVLAR® DK2	THERMOPLASTIC TPE Hardness: 50 ShA	STAINLESS STEEL SS	GD 1873T D2K SS K 7 1/2	GD1873D2KSKL/000	18/SS873AB	190,5 7.50	609,6 24	3500 787	4,90 3.29
			GD 1873T D2K H SS K 7 1/2	GD1873D2KHSKL/000	18/SS873AB	190,5 7.50	609,6 24	3500 787	5,26 3.53

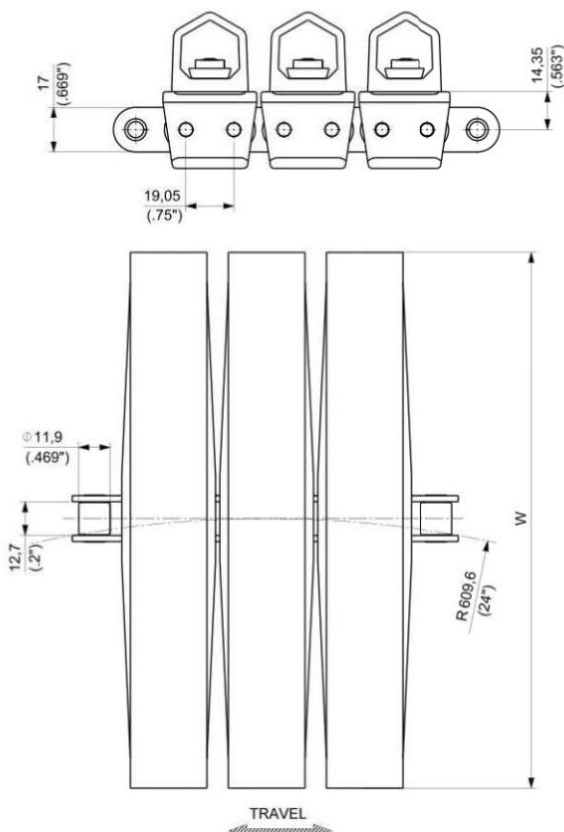


Standard packaging:
Rolls of 3,048 m (10 feet)

TAB PLASTIC FLIGHTS
3/4" PITCH ROLLER CHAIN
"HOUSE"-SHAPED RUBBER PAD
THICKNESS 4 mm (0.157")
HINGE 32,1 mm (1.264")



NEW











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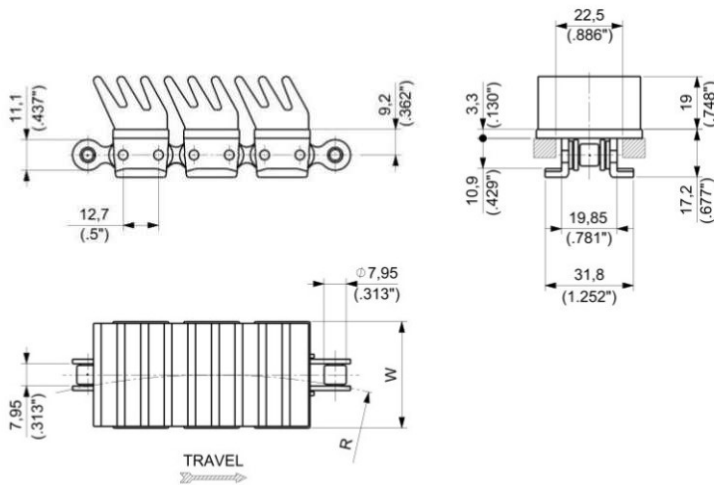
MATERIALS			ITEM DESCRIPTION	PART NUMBER	CONNECTING LINK PART NUMBER	WIDTH W		SIDEFLEXING RADIUS R		WORKING LOAD (25°C/77°F)		WEIGHT	
Flight	Base chain	Rubber				mm	inch	mm	inch	N	lbs	kg/m	lbs/ft
ULTRA PERFORMANCE HOMOPOLYMER DELRIN® 	STAINLESS STEEL 	THERMOPLASTIC  Hardness: 50 ShA	GC 1873T UP SS K 8	GC1873UPSKV/000	18/SS873AB	203,2	8	609,6	24	3500	787	4,90	3.29
		HEAT STABILIZED THERMOPLASTIC  Hardness: 70 ShA	GC 1873T UP H SS K 8	GC1873UPHSKV/000	18/SS873AB	203,2	8	609,6	24	3500	787	5,26	3.53
SPECIAL DELRIN® REINFORCED WITH KEVLAR® 	STAINLESS STEEL 	THERMOPLASTIC  Hardness: 50 ShA	GC 1873T D2K SS K 8	GC1873D2KSKV/000	18/SS873AB	203,2	8	609,6	24	3500	787	4,90	3.29
		HEAT STABILIZED THERMOPLASTIC  Hardness: 70 ShA	GC 1873T D2K H SS K 8	GC1873D2KHSKV/000	18/SS873AB	203,2	8	609,6	24	3500	787	5,26	3.53



Standard packaging:
Rolls of 3,048 m (10 feet)

TAB PLASTIC FLIGHTS
½" PITCH ROLLER CHAIN
LONG FINGERS RUBBER PAD
THICKNESS 3,3 mm (0.130")
HINGE 19,85 mm (0.781")

POWERED
BY BASE ROLLER
CHAIN MADE
BY REGINA
IN ITALY



Materials
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Sprockets
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Corner tracks
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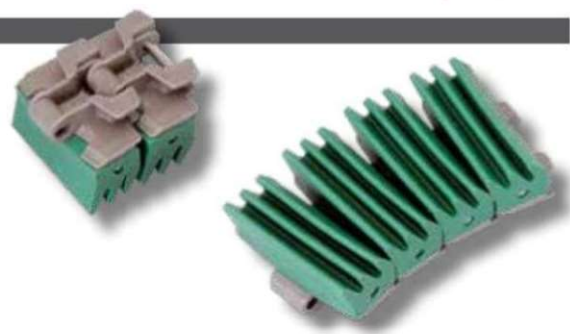


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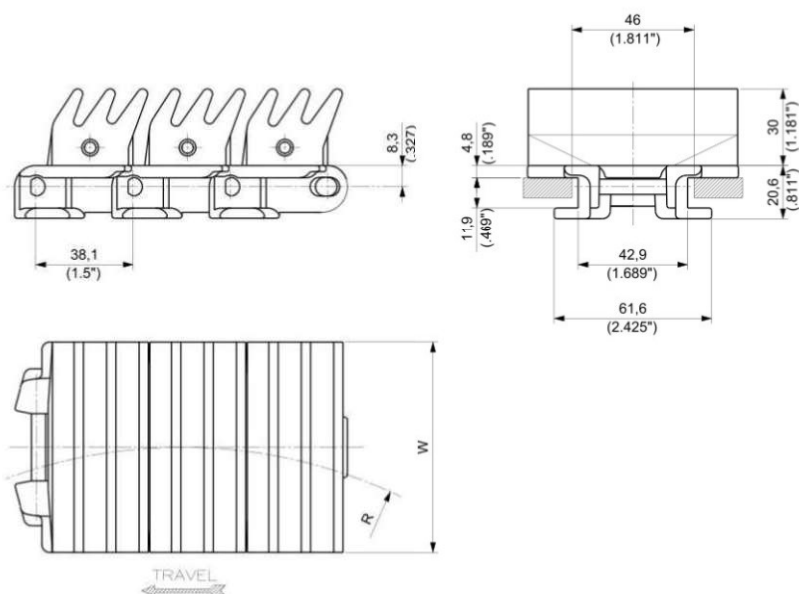
MATERIALS			ITEM DESCRIPTION	PART NUMBER	CONNECTING LINK PART NUMBER	WIDTH		SIDEFLEXING RADIUS		WORKING LOAD (25°C/77°F)		WEIGHT	
Flight	Base chain	Rubber				mm	inch	mm	inch	N	lbs	kg/m	lbs/ft
ULTRA PERFORMANCE HOMOPOLYMER DELRIN® UP	CARBON STEEL	THERMOPLASTIC TPE Hardness: 50 ShA	EW 1843T UP K 1 ½	EW1843UPKW/000	18/1843	38,1	1.5	254	10	2600	584	1,28	0.86
	STAINLESS STEEL		EW 1843T UP SS K 1 ½	EW1843UPSKW/000	18/SS1843	38,1	1.5	254	10	2000	450	1,29	0.87



Standard packaging:
Rolls of 3,048 m (10 feet)



TAB PLASTIC PLATES
SHORT FINGERS RUBBER PAD
REDUCED SIDEFLEXING RADIUS
THICKNESS 4,8 mm (0.189")
HINGE 42,9 mm (1.689")



Materials
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Sprockets
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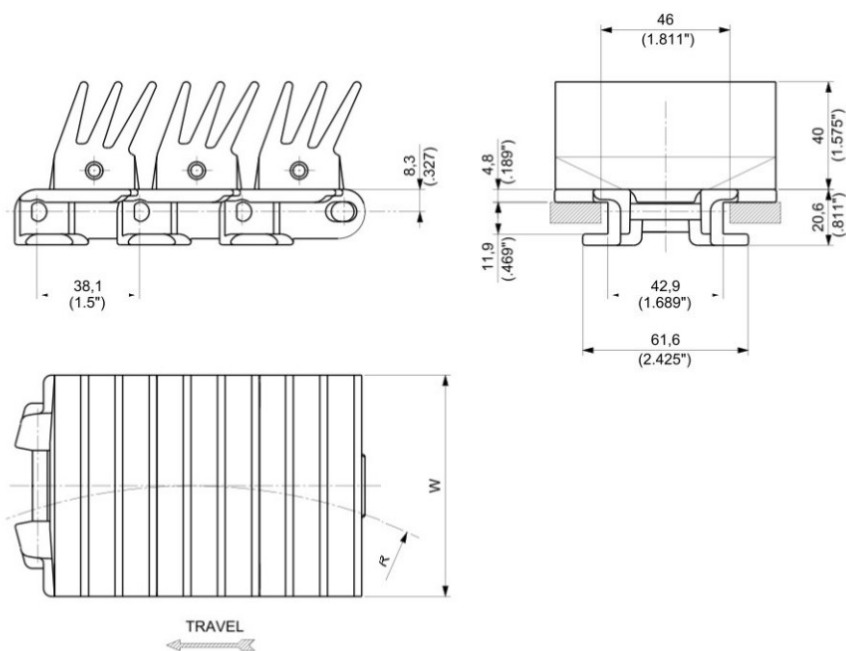
Applications
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MATERIALS			ITEM DESCRIPTION	PART NUMBER	WIDTH W		SIDEFLEXING RADIUS R		WORKING LOAD (25°C/77°F)		WEIGHT	
Plate	Pin	Rubber			mm	inch	mm	inch	N	lbs	kg/m	lbs/ft
ULTRA PERFORMANCE HOMOPOLYMER DELRIN® UP	AUSTENITIC STAINLESS STEEL	THERMOPLASTIC TPE Hardness: 50 ShA	GW 878T UP K 3 ¼	GW878UPKD/000	82,6	3.25	250	9.84	2000	450	3,38	2.27



Standard packaging:
Rolls of 3,048 m (10 feet)

TAB PLASTIC PLATES
LONG FINGERS RUBBER PAD
REDUCED SIDEFLEXING RADIUS
THICKNESS 4,8 mm (0.189")
HINGE 42,9 mm (1.689")



Materials
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Sprockets
see pages 146÷148



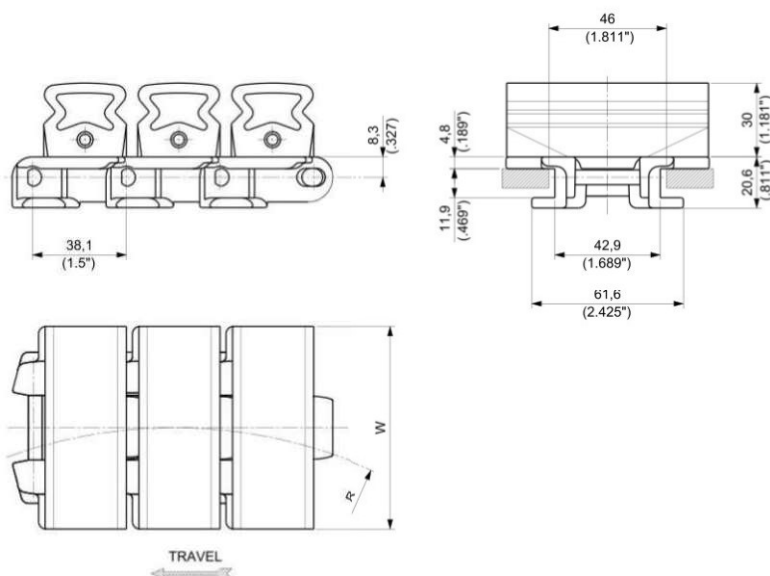
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MATERIALS			ITEM DESCRIPTION	PART NUMBER	WIDTH W		SIDEFLEXING RADIUS R		WORKING LOAD (25°C/77°F)		WEIGHT	
Plate	Pin	Rubber			mm	inch	mm	inch	N	lbs	kg/m	lbs/ft
ULTRA PERFORMANCE HOMOPOLYMER DELRIN® UP	AUSTENITIC STAINLESS STEEL	THERMOPLASTIC TPE Hardness: 50 ShA	EW 878T UP K 3 ¼	EW878UPKD/000	82,6	3.25	250	9.84	2000	450	3,38	2.27



Standard packaging:
Rolls of 3,048 m (10 feet)

TAB PLASTIC PLATES
D-SHAPE RUBBER PAD
REDUCED SIDEFLEXING RADIUS
THICKNESS 4,8 mm (0.189")
HINGE 42,9 mm (1.689")



Materials
see page 12



Sprockets
see pages 146+148



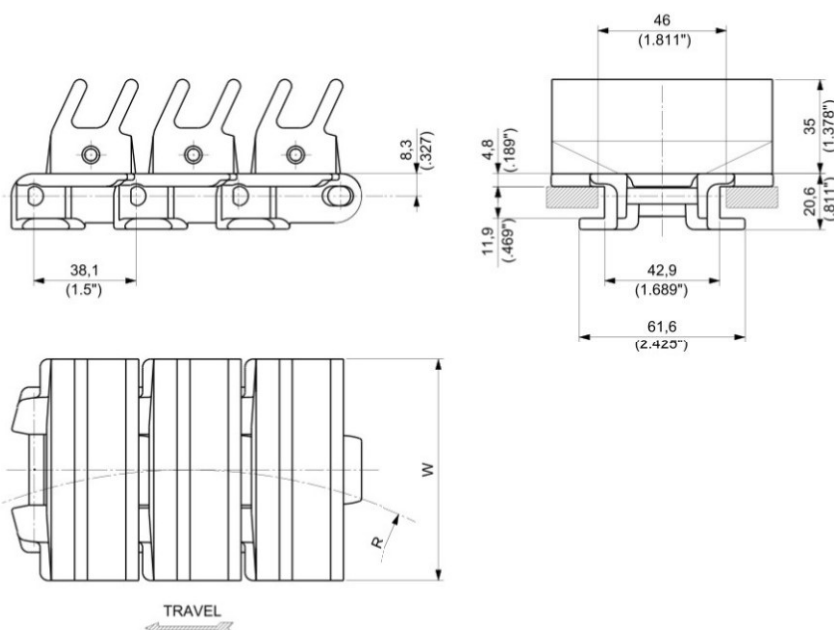
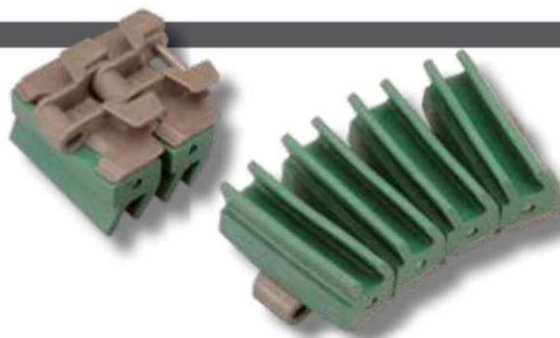
Applications
see page 20

MATERIALS			ITEM DESCRIPTION	PART NUMBER	WIDTH W		SIDEFLEXING RADIUS R		WORKING LOAD (25°C/77°F)		WEIGHT	
Plate	Pin	Rubber			mm	inch	mm	inch	N	lbs	kg/m	lbs/ft
ULTRA PERFORMANCE HOMOPOLYMER DELRIN® UP	AUSTENITIC STAINLESS STEEL	THERMOPLASTIC TPE Hardness: 50 Sha	GD 878T UP K 3 ¼	GD878UPKD/000	82,6	3.25	250	9.84	2000	450	3,38	2.27



Standard packaging:
Rolls of 3,048 m (10 feet)

TAB PLASTIC PLATES
U-SHAPE RUBBER PAD
REDUCED SIDEFLEXING RADIUS
THICKNESS 4,8 mm (0.189")
HINGE 42,9 mm (1.689")



Materials
see page 12



Sprockets
see pages 146÷148



Applications
see page 20

MATERIALS			ITEM DESCRIPTION	PART NUMBER	WIDTH W		SIDEFLEXING RADIUS R		WORKING LOAD (25°C/77°F)		WEIGHT	
Plate	Pin	Rubber			mm	inch	mm	inch	N	lbs	kg/m	lbs/ft
ULTRA PERFORMANCE HOMOPOLYMER DELRIN® UP	AUSTENITIC STAINLESS STEEL	THERMOPLASTIC TPE Hardness: 50 ShA	GU 878T UP K 3 ¼	GU878UPKD/000	82,6	3.25	250	9.84	2000	450	3,38	2.27



Standard packaging:
Rolls of 3,048 m (10 feet)



FliteTop[®]

LBP Chains (Low Back-Line Pressure)

