

RexPro™ Leaf Chain

HIGH PERFORMANCE



INDUSTRIES SERVED

- Logistics and transportation
- Fork lift trucks
- Telescopic handlers
- Machine tools

FEATURES

- High fatigue strength and improved wear resistance
- Improved protection against chain joint stiffness
- Dimensions in accordance with ISO and ANSI
- Manufactured from high-performance materials
- Calibrated plate holes
- Shot-peened components
- Silver Label with batch number for full traceability

BENEFITS

- Minimal running-in elongation
- Long service life
- High impact resistance
- Robust under tough conditions
- Maximum operating reliability

LUBRICATION

- Improved protection with RexPro Lubrication
- Lubrication with NSF H2 certification, RoHS:2011 compliant for electronics industry
- Operating temperature: - 30° C to + 130° C (special lubrication can expand range to - 40° C to + 250° C)
- Very good surface adhesion; remains drip-resistant even at high temperatures
- Lubrication without heavy metals, Teflon or silicone

RexPro Leaf Chain is the standard for high performance leaf chain applications. With its outstanding fatigue strength and wear resistance it's a very robust chain, even in difficult conditions.

HIGH-QUALITY MATERIALS

RexPro Leaf Chain is manufactured with heavy-duty steel and lubricated with RexPro lubrication which results in a reliable chain for tough applications.

HIGH TENSILE AND DYNAMIC STRENGTH

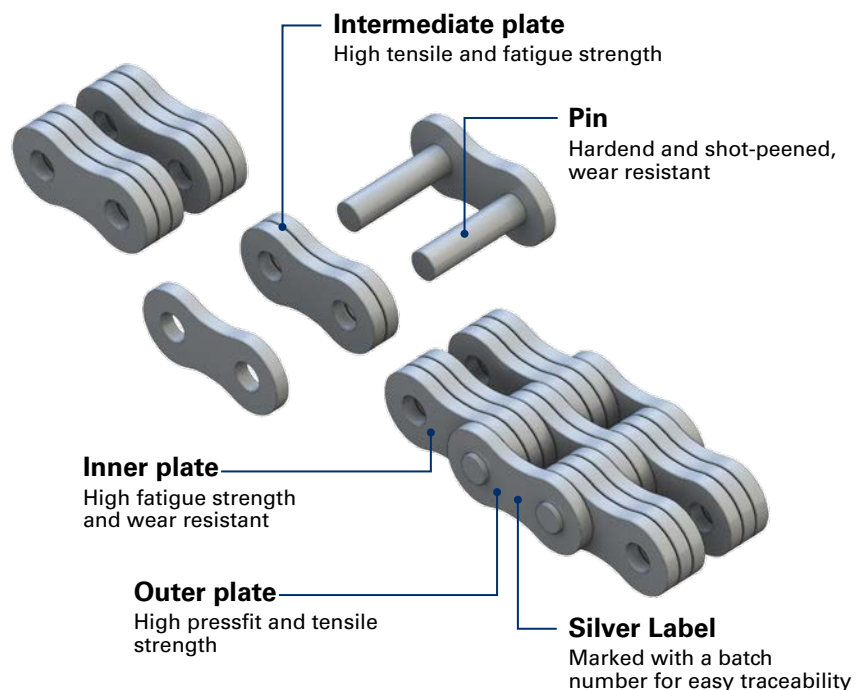
The combination of high-performance steel, an optimized manufacturing process and RexPro lubrication make the chain ideal for the widest range of heavy-duty applications and offer high dynamic load capacity.

TRACEABILITY WITH SILVER LABEL

The silver colored outer plates have a label number for full and consistent traceability.

CE MARKING

All RexPro Leaf Chains have the CE marking because they fulfill the requirements of Machinery Directive 2006/42/EC.



RexPro™ Leaf Chain

RexPro Leaf Chain is available in F Series European Standard, BL Heavy and AL Light Series American Standard. In the following tables only the most common sizes of the F Series and BL Heavy Series are shown. For larger sizes and the AL Light Series, please contact Regal Rexnord.

F-SERIES - EUROPEAN STANDARD - REXPRO LEAF CHAIN ISO 4347

Chain No.*	ISO Chain No.	Pitch		Lacing	Pin diameter	Plate depth	Plate thickness	Length over 100 pitches	Pin length	Width between outer plates	Bearing area	Required minimum tensile strength ISO 4347	Rex™ minimum tensile strength	Fatigue strength	Weight		
		p															
		Inch	mm														
		d, max.	g	s	100 p	B max.	b ₃ min.	A	F _U	F _B	F _D	q					
		mm	mm	mm	mm	mm	mm	mm	mm	mm	cm ²	N	N	N	kg/m		
F 15-44	LL 1044	0.625	15.875	4 x 4	5.08	12.8	1.5	1596	15.0	9.6	0.30	44 000	48 000	6 800	1.0		
F 15-66	LL 1066			6 x 6												8 800	1.4
F 19-44	LL 1244	0.75	19.05	4 x 4	7.92	14.8	1.8	1894	18.0	11.4	0.41	58 000	64 000	9 500	1.4		
F 19-66	LL 1266			6 x 6												12 000	2.1
F 19V-44	-	0.75	19.05	4 x 4	6.50	15.2	2.35	1905	22.8	14.7	0.61	-	80 000	-	1.8		
F 19V-66	-			6 x 6												-	2.5
F 25-44	LL 1644	1	25.04	4 x 4	8.28	20.5	3	2540	28.7	18.6	0.99	120 000	140 000	25 000	2.9		
F 25-66	LL 1666			6 x 6												30 000	4.3
F 25-88	LL 1688			8 x 8												-	5.8
F 31-44	LL 2044			4 x 4												200 000	4.3
F 31-66	LL 2066	1.25	31.75	6 x 6	10.19	25.7	3.5	3155	48.6	36.6	2.14	285 000	300 000	37 500	6.4		
F 31-88	LL 2088			8 x 8												400 000	8.4
F 38-44	LL 2444			4 x 4												340 000	8.2
F 38-66	LL 2466	1.5	38.1	6 x 6	14.63	33	5	3795	46.9	31.2	2.93	340 000	340 000	-	12.2		
F 38-88	LL 2488			8 x 8												510 000	16.2

* Please contact Regal Rexnord regarding precision of fit with ISO or ANSI anchors.

BL SERIES - AMERICAN STANDARD - REXPRO LEAF CHAIN ISO 4347

Chain No.*	ISO Chain No.	Pitch		Lacing	Pin diameter	Plate depth	Plate thickness	Length over 100 pitches	Pin length	Width between outer plates	Bearing area	Required minimum tensile strength ISO 4347	Rex™ minimum tensile strength	Fatigue strength	Weight		
		p															
		Inch	mm														
		d, max.	g	s	100 p	B max.	b ₃ min.	A	F _U	F _B	F _D	q					
		mm	mm	mm	mm	mm	mm	mm	mm	mm	cm ²	N	N	N	kg/m		
BL 523	LH 1023	0.625	15.875	2 x 3	5.94	14.6	2.4	1596	15.0	7.4	0.43	33 400	40 000	10 500	1.1		
BL 534	LH 1034			3 x 4												11 500	1.5
BL 544	LH 1044			4 x 4												80 000	1.8
BL 546	LH 1046			4 x 6												80 000	2.2
BL 566	LH 1066			6 x 6												120 000	2.6
BL 588	LH 1088			8 x 8												160 000	3.4
BL 623	LH 1223	0.75	19.05	2 x 3	7.92	17.9	3.1	1905	20.0	9.6	0.74	48 900	62 000	16 300	1.8		
BL 634	LH 1234			3 x 4												17 400	2.5
BL 644	LH 1244			4 x 4												124 000	2.9
BL 646	LH 1246			4 x 6												124 000	3.6
BL 666	LH 1266			6 x 6												186 000	4.3
BL 823	LH 1623			2 x 3												110 000	3.0
BL 834	LH 1634	1.00	25.4	3 x 4	9.53	23.6	4.0	2540	33.1	20.5	1.52	129 000	165 000	32 000	4.2		
BL 844	LH 1644			4 x 4												220 000	4.8
BL 846	LH 1646			4 x 6												220 000	6.0
BL 866	LH 1666			6 x 6												330 000	7.2
BL 888	LH 1688			8 x 8												440 000	9.6
BL 1023	LH 2023			2 x 3												164 000	4.4
BL 1034	LH 2034	1.25	31.75	3 x 4	11.10	29.2	4.7	3179	38.8	24.1	2.09	182 400	246 000	50 000	6.2		
BL 1044	LH 2044			4 x 4												328 000	7.0
BL 1046	LH 2046			4 x 6												328 000	8.7
BL 1066	LH 2066			6 x 6												492 000	10.5
BL 1088	LH 2088			8 x 8												656 000	13.9
BL 1223	LH 2423			2 x 3												200 000	6.0
BL 1234	LH 2434	1.50	38.1	3 x 4	12.70	34.4	5.5	3810	45.5	28.0	2.8	224 600	300 000	68 000	8.3		
BL 1244	LH 2444			3 x 4												400 000	9.5
BL 1246	LH 2446			4 x 6												400 000	11.8
BL 1266	LH 2466			6 x 6												600 000	14.1
BL 1288	LH 2488			8 x 8												800 000	18.8
BL 1288	LH 2488			8 x 8												98 000	18.8

* Please contact Regal Rexnord regarding precision of fit with ISO or ANSI anchors.



Regal Rexnord

Contact us: rexnord.com/contact
regalrexnord.com

The proper selection and application of products and components, including assuring that the product is safe for its intended use, are the responsibility of the customer. To view our Application Considerations, please visit <https://www.regalrexnord.com/Application-Considerations>.

To view our Standard Terms and Conditions of Sale, please visit <https://www.regalrexnord.com/Terms-and-Conditions-of-Sale>

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