



Industries Served:

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

Features:

- Improved protection against chain joint stiffness
- Improved wear resistance
- Good corrosion resistance
- Eco-friendly
- Made from high-quality materials
- Ball-drifted plate holes
- "Silver label" batch number for full traceability
- Shot-peened pins and link plates
- NSF H2 certification, RoHS:2005 conformity

Benefits:

- Minimal running-in elongation
- Long service lifespan
- Shock resistant
- Very robust, even in difficult conditions
- Maximum operating reliability

Lubrication:

- Use of RexPro lubricants free from heavy metals, silicone and Teflon
- Operating temperature from -30° C to +130° C (can be extended to -40° C and +250° C)
- Very good surface adhesion, drip-resistant even at high temperatures

Rexnord RexPro Leaf Chain

High Performance by Rexnord

Rexnord 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

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

Dynamic safety for lifting applications

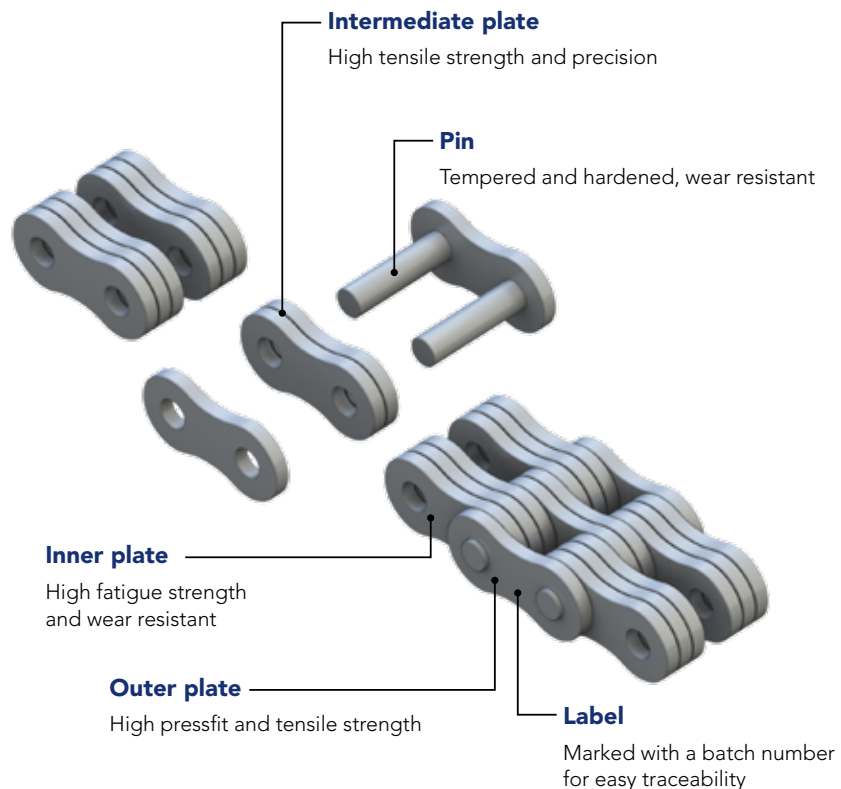
The combination of the heavy-duty steel, the optimized manufacturing process and the Rexnord RexPro Lubrication gives the chain the highest safety against stiff chain joints which results in a high dynamic safety for lifting applications.

Traceability with silver label

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

CE marking

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



Rexnord 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 Rexnord.

F Series European standard – Rexnord RexPro Leaf Chain ISO 4347

Chain No.*	ISO chain number	Pitch		Lacing	Pin diameter d ₁ max.	Plate depth g max.	Thickness of plates s	Length over 100 pitches mm	Overall width B max.	Bearing area A	Width between outer plates b ₃ min.	Required minimum tensile strength F _U	Rexnord minimum tensile strength	Fatigue strength F _D	Weight q
		p													
		Inch	mm												
F 12-44	LL 0844			4 x 4											
F 12-66	LL 0866	0.50	12.7	6 x 6	4.45	10.4	1.5	1277	15.0	0.27	9.1	36 000	36 400	5 000	0.9
F 15-44	LL 1044			4 x 4											
F 15-66	LL 1066	0.625	15.875	6 x 6	5.08	12.8	1.5	1596	15.2	0.30	9.6	44 000	48 000	6 800	1.0
F 19-44	LL 1244			4 x 4											
F 19-66	LL 1266	0.75	19.05	6 x 6	5.72	15.9	1.8	1894	18.0	0.41	11.4	58 000	64 000	9 500	1.4
F 25-44	LL 1644			4 x 4											
F 25-66	LL 1666	1.00	25.4	6 x 6	8.28	20.5	3.0	2540	28.4	0.99	18.6	120 000	140 000	25 000	2.9
F 25-88	LL 1688			8 x 8					53.0	1.98	43.4	240 000	280 000		5.8
F 31-44	LL 2044			4 x 4					33.7	1.42	21.6	190 000	200 000	32 400	4.3
F 31-66	LL 2066	1.25	31.75	6 x 6	10.19	25.7	3.5	3160	48.4	2.12	36.0	285 000	300 000	37 500	6.4
F 31-88	LL 2088			8 x 8					63.2	2.83	50.4	380 000	400 000		8.4
F 38-44	LL 2444			4 x 4					46.9	2.91	31.2	340 000	340 000		8.2
F 38-66	LL 2466	1.50	38.1	6 x 6	14.63	33.0	5.0	3795	68.3	4.37	52.4	510 000	510 000		12.2
F 38-88	LL 2488			8 x 8					89.7	5.82	73.5	680 000	680 000		16.2

* Larger sizes available on request

BL Heavy Series American standard – Rexnord RexPro Leaf Chain ISO 4347

Chain No.*	ISO chain number**	Pitch		Lacing	Pin diameter d ₁ max.	Plate depth g max.	Thickness of plates s	Length over 100 pitches mm	Overall width B max.	Bearing area A	Width between outer plates b ₃ min.	Required minimum tensile strength F _U	Rexnord minimum tensile strength	Fatigue strength F _D	Weight q
		p													
		Inch	mm												
BL 422	LH 0822			2 x 2					10.9	0.20	4.2	22 200	25 800		0.6
BL 423	LH 0823			2 x 3					13.0	0.30	6.3	22 200	25 800		0.7
BL 434	LH 0834			3 x 4					17.1	0.41	10.5	33 300	38 700		0.9
BL 444	LH 0844	0.50	12.7	4 x 4	5.08	11.7	2.0	1270	19.25	0.41	12.6	44 400	51 600		1.1
BL 446	LH 0846			4 x 6					23.45	0.61	16.8	44 400	51 600		1.3
BL 466	LH 0866			6 x 6					27.6	0.61	21.0	66 600	77 400		1.6
BL 523	LH 1023			2 x 3					15.0	0.43	7.4	33 400	40 000	10 500	1.1
BL 534	LH 1034			3 x 4					20.0	0.57	12.3	48 900	60 000	11 500	1.5
BL 544	LH 1044	0.625	15.875	4 x 4					22.5	0.57	14.7	66 700	80 000	12 000	1.8
BL 546	LH 1046			4 x 6	5.94	14.6	2.4	1596	27.4	0.86	19.6	66 700	80 000	14 000	2.3
BL 566	LH 1066			6 x 6					32.3	0.86	24.5	100 100	120 000	15 200	2.6
BL 588	LH 1088			8 x 8					42.2	1.14	34.3	133 000	160 000	17 000	3.4
BL 622	LH 1222			2 x 2					16.6	0.51	6.4	48 900	62 000	13 000	1.5
BL 623	LH 1223			2 x 3					20.0	0.74	9.6	48 900	62 000	16 300	1.8
BL 634	LH 1234			3 x 4					26.4	0.98	16.0	75 600	93 000	17 400	2.5
BL 644	LH 1244	0.75	19.05	4 x 4	7.92	17.9	3.1	1905	29.5	0.98	19.2	97 900	124 000	19 000	2.9
BL 646	LH 1246			4 x 6					35.9	1.47	25.6	97 900	124 000	21 500	3.6
BL 666	LH 1266			6 x 6					42.5	1.47	32.0**	146 000	186 000	24 500	4.3
BL 822	LH 1622			2 x 2					20.6	0.74	8.2	84 500	110 000	22 000	2.4
BL 823	LH 1623			2 x 3					24.8	1.14	12.3	84 500	110 000	30 000	3.0
BL 834	LH 1634			3 x 4					33.1	1.52	20.5	129 900	165 000	32 000	4.2
BL 844	LH 1644	1.00	25.4	4 x 4	9.53	23.6	4.0	2540	37.3	1.52	24.7	169 000	220 000	33 500	4.8
BL 846	LH 1646			4 x 6					45.7	2.29	33.0	169 000	220 000	38 500	6.0
BL 866	LH 1666			6 x 6					54.1	2.29	41.3	253 600	330 000	41 850	7.2
BL 888	LH 1688			8 x 8					70.8	2.97	57.9	338 000	440 000	45 000	9.6
BL 1023	LH 2023			2 x 3					28.9	1.56	14.4	115 600	164 000	47 500	4.4
BL 1034	LH 2034			3 x 4					38.8	2.09	24.1	182 400	246 000	50 000	6.2
BL 1044	LH 2044	1.25	31.75	4 x 4					43.7	2.09	29.0	231 200	328 000	55 000	7.0
BL 1046	LH 2046			4 x 6	11.10	29.2	4.7	3179	53.5	3.12	38.4**	231 200	328 000	62 000	8.7
BL 1066	LH 2066			6 x 6					63.5	3.12	48.6**	347 000	492 000	69 000	10.5
BL1088	LH 2088			8 x 8					83.2	4.17	68.2**	462 400	656 000	74 000	13.9

* Larger sizes available on request

** Please contact Rexnord regarding precision of fit with ISO anchors