W.J. KEATING LIMITED

PROOF COIL KILN CHAIN

Note: For heat transfer only — not suitable for lifting.



Proof Coil Kiln Chain is available in various alloy and high-carbon steels, as well as the popular low-carbon steel. While not possessing the same heat-transfer properties as Spira-Loop and Loop Chain, it can, nevertheless, be effectively used in kilns where severe temperatures are not encountered. Furnished in ready-to-install or continuous lengths, with or without end links. Can be heat-treated (400+ Brinell) or carburized (500+ Brinell) for greater wear-resistance as required.

Chain Size and Type	Link Dimensions Mat. Dia. x I.W. x I.L.	Links, Foot	Weight, Foot (Carbon Steel)	Surface Area, Foot
5/8" (21/32) Proof Coil	**21/32" x 1" x 1-7/8"**	**6.42**	**4.10 lbs.**	**.636 Ft.²**
3/4" (25/32) Proof Coil	**25/32" x 1-1/8" x 2-1/8"**	**5.66**	**5.95 lbs.**	**.770 Ft.²**
7/8" (29/32) Cement Chain	29/32" x 2-1/4" x 4"	3.00	7.35 lbs.	.790 Ft.²
7/8" (29/32) Proof Coil	29/32" x 1-3/8" x 2-1/2"	4.80	8.11 lbs.	.893 Ft.²
1" (1-1/32) Proof Coil	1-1/32" x 1-1/2" x 2-3/4"	4.40	10.77 lbs.	1.030 Ft.²

Weights and dimensions are approximate and subject to plus or minus tolerance of 4%.
NOTE: For carbon steel — wt. based on sp. gr. of .283 lb/in³.
Items shown in bold type normally carried in stock.

LOOP KILN CHAIN

Note: For heat transfer only — not suitable for lifting.

Provides a new high standard in heat transfer — assuring low chain costs, longer life! Available in Type K (Carroll Alloy), AISI 8620 Alloy, and various carbon steels.

Spira-Loop, the original overlapped circular chain, has approximately 50% more heat-transfer area than Ring Chain, and almost 100% more than Proof Coil. The round-link design, with long overlapping section, assures maximum surface area, and permits the flow of slurry or work-load through the links, creating Spira-Loop's remarkable heat-transfer properties. The link shape, and double thickness which also acts as an eccentric, provide for link rotation, maximum flexibility, and even wear distribution. Self-cleaning. Non-kinking.

Increased surface area and weight per foot intensify scraping action and help eliminate mud-ring formations. Greater surface area per foot decreases number of pieces required, thereby lowering installation costs. Spira-Loop Chain is furnished in ready-to-install lengths, requiring no enlarged end links. Can be heat-treated (400+ Brinell) or carburized (500+ Brinell) for greater wear-resistance as required.

Sizes Available (in.)	Inside Diameter (in.)	Surface Area Per Link (Sq. In.)	Links Per Foot	Weight Per Ft. (Lbs.)	Surface Area Per Ft. (Sq. Ft.)
5/8	**2-1/2**	**30.06**	**4.8**	**8.44**	**.98**
3/4	3	43.01	4	9.12	1.18
1	3	59.21	4	17.75	1.64
Other Sizes Available on Request.					

Weights and dimensions are approximate and subject to plus or minus tolerance of 4%.
NOTE: For carbon steel — wt. based on sp. gr. of .283 lb/in³.
Items shown in bold type normally carried in stock.



HEART-SHAPED CAST SHACKLES



New configuration with certain protrusion provides individual wear protection pockets for double hung chain

U-SHAPED HAIRPIN HANGERS



available in carbon steel, alloy steel and various types of stainless steel

SHACKLES



available with or without nuts and bolts in carbon steel, alloy steel, and various types of stainless steel

SPIRA-LOOP LINKS



We can furnish engineering advice on other hanging products and devices.