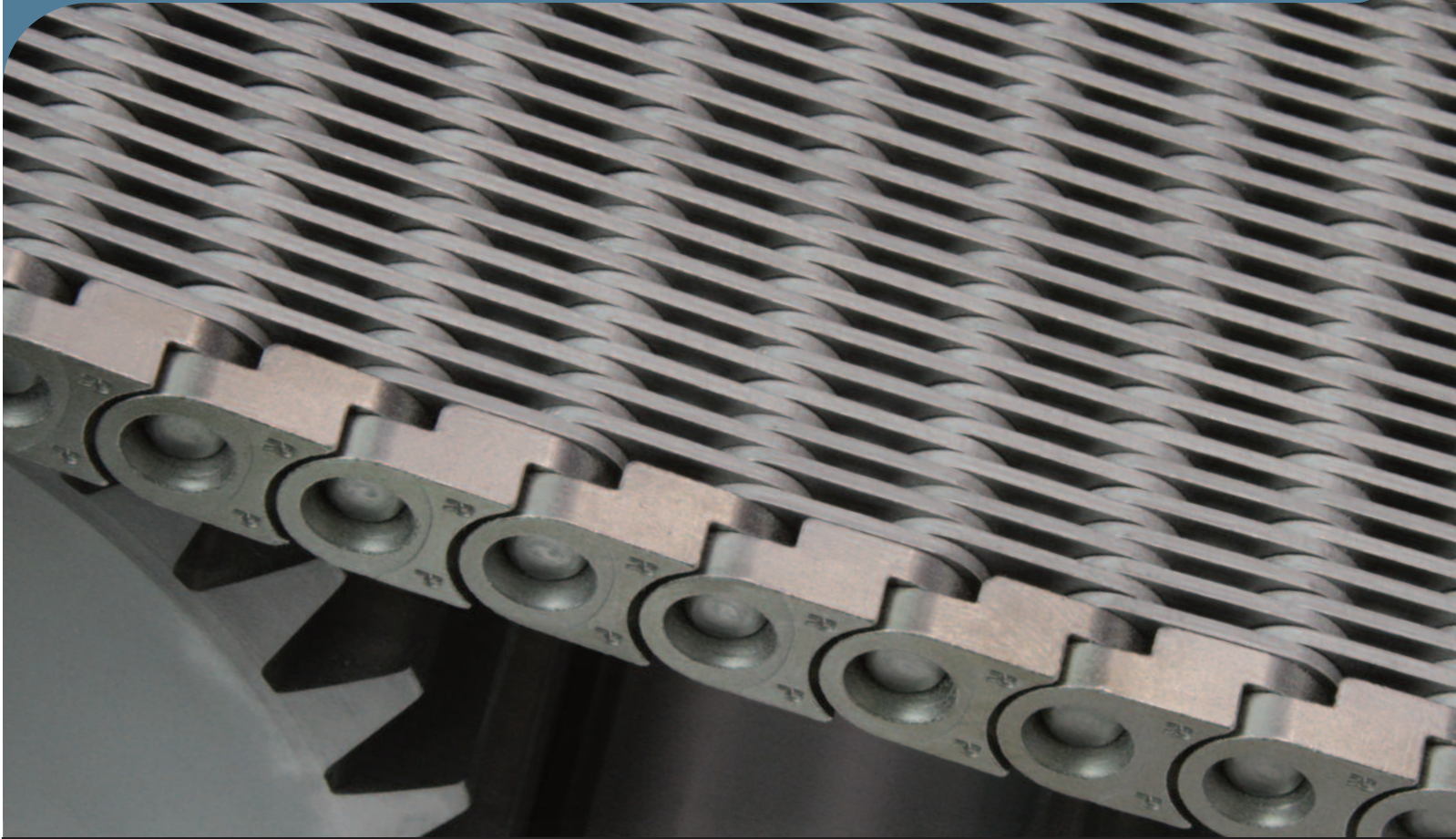


# Lifeguard Conveyor Chain



WEAR PROTECTED SILENT CONVEYING CHAIN



# Lifeguard.... reduced wear and improved life



Ramsey is proud to introduce the newest addition to our line of wear protected conveying chains, Lifeguard®. Designed to improve conveying chain performance and life, Lifeguard chains utilize unique interlocking side links that not only guard against pin head wear, but also greatly reduce the size of gaps between adjacent side plates. With much smaller gaps between the links, smooth product transfer on and off the conveying surface is assured and the potential for snagging on lateral guides is reduced. As a result, Lifeguard chains can be run in direct contact with lateral guides. In a production conveying environment, these features translate directly to fewer ware handling problems, extended chain life, and improved productivity.

## SIZES AVAILABLE TO FIT MOST CONVEYING SYSTEMS

Lifeguard chains are available to accommodate a wide range of conveying systems. They are available in widths ranging from less than one inch, to over 20 inches. Chains can be assembled with all links, to maximize surface area, or they can be produced from links and spacers to reduce overall weight and enhance cooling. Links can also be double stacked within the chain to achieve better air flow and bottle cooling.

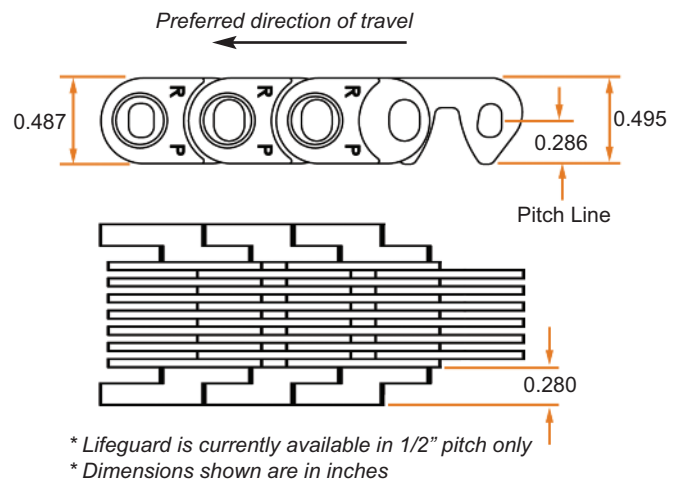
## ADAPTABLE TO SIDE GUIDE OR CENTER GUIDE SPROCKETS

Lifeguard's special side links also serve to guide chains onto sprockets and maintain chain tracking. When ordering chain it is important to purchase compatible sprockets. If you plan to use existing Ramsey side guide sprockets, you should verify that the sprocket width is suitable for the chain width that you are buying. Ramsey customer service representatives can help you make this determination. Center guide sprockets can also be used with Lifeguard, as long as the sprocket width is less than the chain's between guide dimension.

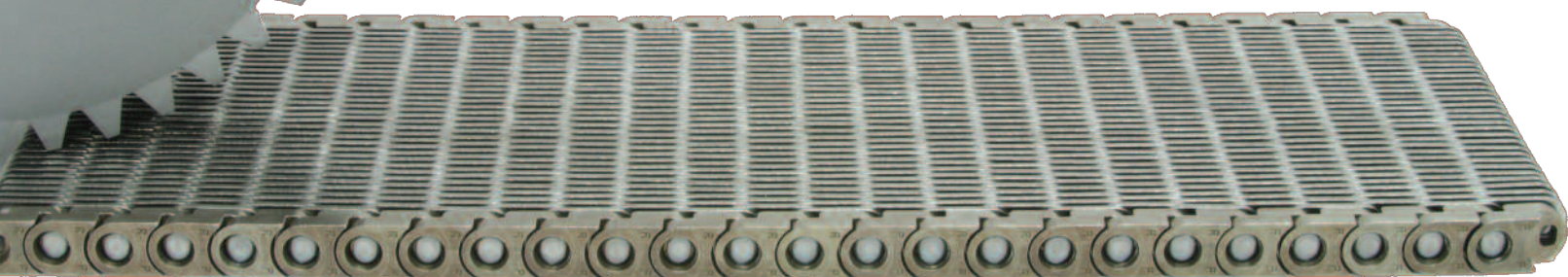
## DOUBLE GUARD OR SINGLE GUARD OPTIONS

Lifeguard is available with guard links on one side of the chain, or on both sides of the chain. Single guard chain is less expensive, but double guard provides more complete chain protection.

If you are uncertain which chain you need, Ramsey customer service can help you decide which style is best for you.



*Patented in the US and Europe*







## EXCLUSIVELY FROM RAMSEY

Lifeguard chain (patented), is only available from Ramsey. There is no other chain like it, from any other supplier.

For more information on Lifeguard and its potential benefits in your conveying application, please contact Ramsey. We will be happy to answer any questions you might have and provide you with a risk-free, product quotation.

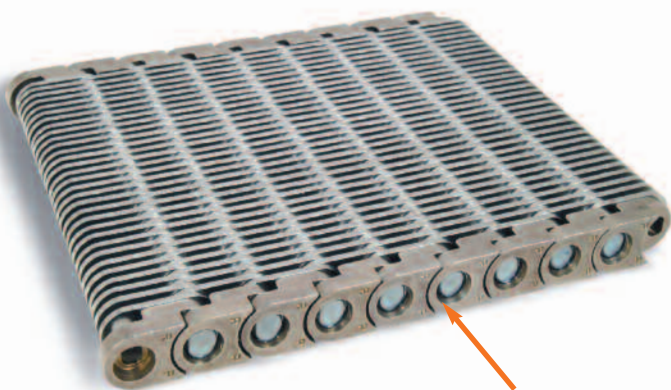
## How Lifeguard works

In many production environments standard silent conveying chains perform admirably and can deliver years of trouble free service. However, in some situations, conveying chains can be exposed to conditions that create unusual wear, disrupt product transport, and lead to premature chain failure. Conveyor systems that experience these problems can often realize significant productivity gains by replacing standard conveyor chains with new wear protected chains that are designed to reduce, or prevent, specific types of chain wear.

Typical conveying chains contain pins that are riveted, or headed, on the ends. Since these pin heads are exposed on both sides of the chain they can be susceptible to several types of wear. They may rub against lateral guides or transfer plates, which can result in the gradual wearing of pin heads. Or, the exposed pin heads may snag or hang up on any protruding edges along the conveyor's path. This snagging can lead to conveyor surging, product flow disruption, and the chipping or shearing away of the pin head. Once the pin head is worn away, or sheared off, there is nothing holding the chain together and it will start to come apart. If that occurs, the conveyor will need to be shut down so the chain can be repaired or replaced.

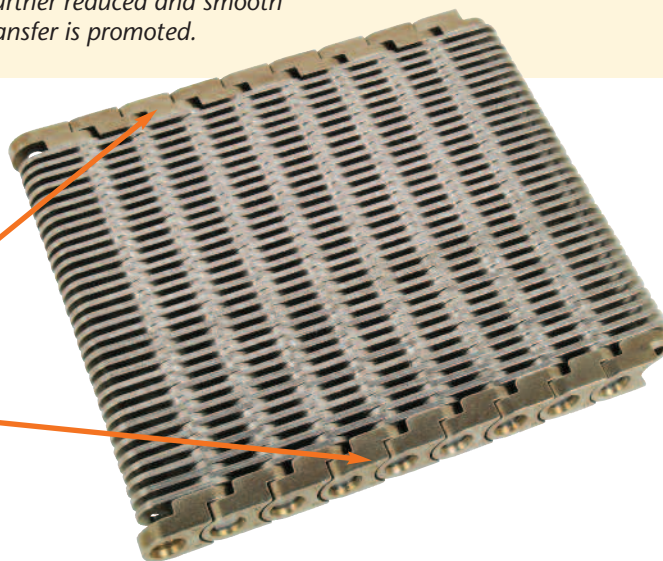


To protect chain from these problems, the pin heads in Lifeguard chain are fully recessed in Lifeguard side links. These unique side links not only guard against pin head wear; they also greatly reduce the size of gaps between adjacent side plates. With smaller gaps between the links, the potential for snagging on lateral guides is further reduced and smooth product transfer is promoted.



Fully enclosed pin heads protect the life of the chain

Interlocking links create a smooth, gap-free surface that improves product stability during transfer. This is especially beneficial with products like small bottles.



## ORDERING INFORMATION

### Ordering Lifeguard for the first time

When placing an initial order, or replacing another style of chain with Lifeguard, we recommend that you contact a Ramsey customer service representative (sales@ramseychain.com or tel: 704-394-0322). They will assist you in determining which chain best fits your application. It will be helpful if you have the part number, length, and a description of the chain that you usually buy.

### Need help?

Contact Ramsey for additional assistance.

### Ordering options

Lifeguard chains are currently available in 1/2" pitch and 1" extended pitch and can be ordered to fit the exact width, length and style required for most conveying systems. Chains are available with guard links on one, or on both sides of the chain. Other chain options include: all link and link-spacer constructions, as well as surface grinding.

Ramsey also manufactures sprockets for Lifeguard conveying chains. All sprockets are heat treated for maximum wear resistance and can be ordered with stock bores or custom machined to your exact specifications.



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