

# ALLGUARD FX Conveyor Chain



WEAR RESISTANT FOR MAXIMUM CHAIN LIFE....



**Ramsey Products**  
CORPORATION

# ALLGUARD FX

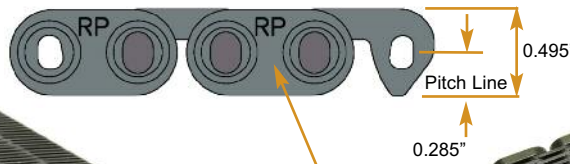
## THE ALLGUARD ADVANTAGE

Ramsey's ALLGUARD FX conveyor chain is designed to extend chain life and improve product handling, especially in applications where conveyors run in contact with lateral guides or transfer plates. Using wear resistant links that guard and protect the sides of the chain, ALLGUARD chains run in direct contact with lateral guides, immune to the pin head wear that can destroy typical chains. ALLGUARD protection can be added to both sides of a chain, or only one side, depending on customer preference.

FIGURE 1 ALLGUARD FX Side View

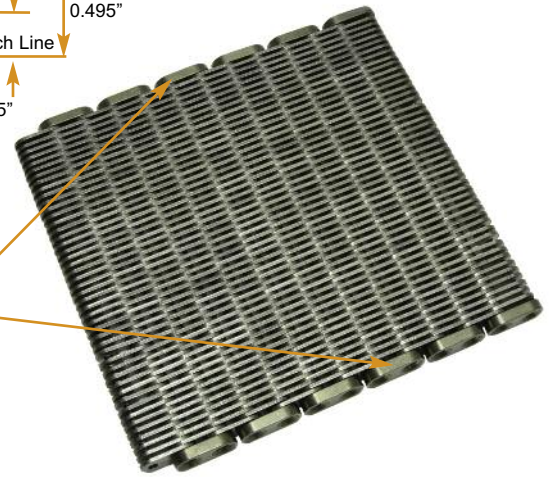


Fully Enclosed Pin Heads



Wear Resistant ALLGUARD links

FIGURE 2 ALLGUARD FX Top View



Note: Photos depict Multiguide style guard links

## HOW IT WORKS

Typical chains contain pins that extend from the sides of the chain (Figure 3). The ends of these pins, which are headed or riveted to hold the chain together, are vulnerable to wear and chipping when they contact lateral guides or transfer plates. In time, the wear may be severe enough to cause chain failure. Operators may try to prevent this problem by creating a gap between the chain and transfer plate. In some instances this gap can interfere with the smooth transfer of items across the chain. ALLGUARD chain eliminates these typical chain problems. As shown in Figure 1 and 2, special ALLGUARD side links fully enclose pin heads and guard against pin wear and chipping. This allows the chain to be operated in direct contact with lateral guides or transfer plates, eliminating gaps that can prevent smooth product transfer (Figure 4).

FIGURE 3 TYPICAL CONVEYOR CHAIN

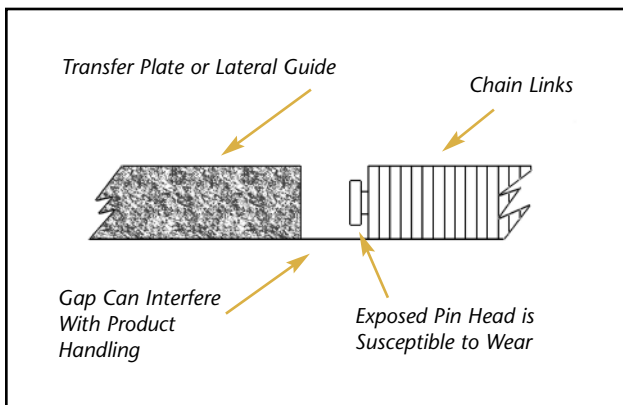
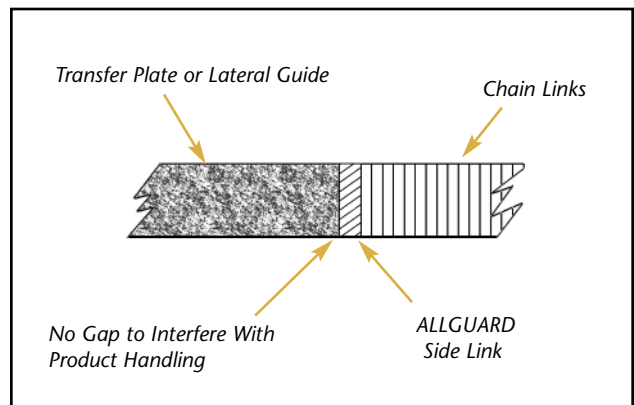


FIGURE 4 ALLGUARD CONVEYOR CHAIN



Ramsey Products Corporation has designed and manufactured silent chains for more than 80 years. Today, we remain committed to providing our customers with the world's widest selection of top quality silent chain, unmatched service, and competitive prices. We are eager to put our experience and expertise to work for you. For more information, please contact a Ramsey sales representative. We will be glad to discuss your application and provide you with a risk-free quotation.

## MULTIGUIDE, CENTER GUIDE, AND SIDE GUIDE CHAINS

ALLGUARD FX chains are available to replace nearly all side guide, center guide, and multiguide chains. The design of the FX guard links used in each style of chain (see below) differs slightly in order to provide the best fit with existing sprockets and conveyor wear plate dimensions. Chains can be selected to operate with existing sprockets, so sprocket modification is not required. All FX chains can be top ground to provide an extra smooth surface finish.

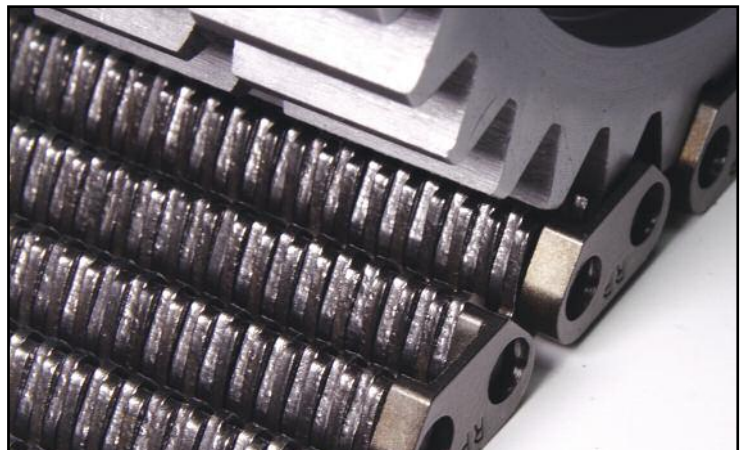
### MULTIGUIDE CHAINS



### CENTER GUIDE CHAINS



### SIDE GUIDE CHAINS



## ORDERING INFORMATION

**Ordering FX for the first time:** Provide us with the part number, or description, of the chain that you usually buy, the length, and your preference for guard links either on one side of the chain, or on both sides. We will then supply you with a finished FX chain that has the same overall width, guide type, and guide spacing as the chain you usually buy.

**Need help?** Contact Ramsey for additional assistance.

### Ordering options:

ALLGUARD chains are available in 1/2" pitch and can be ordered to fit the exact width, length and style required for most conveying systems. Chains are available with ALLGUARD side plates 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 ALLGUARD drives. 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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