



Made of steel for the most demanding applications.

Wear protected chain innovation

According to the Ramsey technical development team, the company's All-Steel* chains are tough enough for the most demanding applications. Protected against lateral chain and pin head wear by all steel, hardened, alloy guard links, it is reported that the links in this chain will never crack under pressure.

Ramsey All-Steel chain was developed to eliminate the link cracking, which can be a problem with side links that are produced from pressed metal, also known as sintered metal. The company's sales engineers have encountered this problem in many glass plants around the world. Some plant operators who tried conveying chains made with sintered metal side links found they failed to hold up to the demands of their glass production. In fact, many producers who had this experience have explained they simply cannot take a chance on running chains with fragile links. Ramsey All-Steel chain is said to provide the solution to this problem.

The wear protected links cover and protect the pin heads on the sides of the chain. Recessed inside

the guard links, the pin heads are guarded from the wear and tear of the harsh environment of bottle production. Additionally, the chain can be run in direct contact with lateral guides and transfer plates.

"These links simply will not crack" commented a Ramsey engineer, "so if you have tried other chains and had cracking problems, those days are over."

The use of all steel guard links can produce a significant improvement in the life expectancy of conveying chains. The elimination of link cracking, as well as the improved lateral wear resistance, reduces the likelihood of premature chain failures. With fewer failures, there is less downtime needed for repairing or replacing chains and productivity improves.

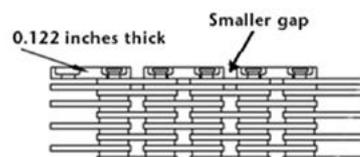
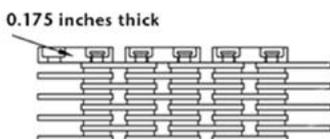
PROVEN FEATURES WITH MANY OPTIONS

Ramsey All-Steel chains use a single oval pin joint, the same joint style that has been tried and proven in glass plants throughout the world. For customers who prefer a chain with a two pin joint style, there are Ramsey's trademark Sentry chains, which also employ all steel end links.

All-Steel chains are available in 1/2in pitch and in a wide variety of different assembly styles to fit centre guide, or side guide, sprockets. Options include all link, link and spacer, multi-guide, double lacing, as well as custom assemblies. Chains can also be made with 316 or 420 stainless steel links, or with super wear-resistant R-Select links. Chain surfaces can be ground for an exceptionally smooth surface.

Another difference between All-Steel links and traditional Allguard FX links is that All-Steel end links are 0.122in thick, compared to Allguard links, which are 0.175in thick. As a result, the gap between the outside of the All-Steel chain and the first row of links is smaller, which may promote smooth ware transfer, especially with small items. Despite this small difference, All-Steel chain assemblies can be built to match exactly the overall width of any existing chain, whether from Ramsey or another supplier. ■

*Ramsey All-Steel is a registered trademark of Ramsey Products Corp.



The Allguard FX link (left) and Ramsey All-Steel link (right).

FURTHER INFORMATION:

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