

RUD ICE Chains unaffected by Hydrogen Embrittlement operating from -60°C to +300°C

Offer 30% reduction in weight than grade 80 chain

Innovation and product development is important at RUD, being the first manufacturer to be approved for Grade 120 chain you can be sure of the quality and design of our products and the advantages the innovative ICE chain has to offer.



RUD ICE chain offers various benefits to the user. Firstly the chain is not affected by hydrogen embrittlement; a lot of chain can become brittle and fractures occur due to exposure to hydrogen; however with RUD ICE chain this is not the case, the chain is unaffected.

ICE chain offers extreme resistance to temperatures from -60°C to $+300^{\circ}\text{C}$ and is resistant to brittle fractures to -70°C . The chain is coated with RUD's innovative pink powder coating which acts as an overheating indicator, which shows the temperatures in which the chain can be safely used. The chain cannot be used in temperatures above 300°C . If the chain reaches temperatures of 300°C or above it will turn from a pink colour to brown, then black which indicates that the chain is unsafe to use and must be taken out of service. RUD ICE lifting chain is often used across polar and arctic projects due to its extreme resistance to temperatures.

The advantages of ICE chain are abundant. It offers a considerable 30% reduction in weight than Grade 80 hooks, using less material and energy used due to its light construction & easier handling. It possesses a 60% higher breaking force than grade 80 chains, is extremely robust, tough and resilient to sharp and rough edges due to the chains increased strength.

Operating in hot or cold environments from -60°C to $+300^{\circ}\text{C}$ RUD's ICE Chain offers the solution to your lifting requirements. From offshore, arctic projects to extreme materials handling at ports or construction sites where sharp and rough edges are present, RUD's ICE Chain offers ultimate strength and resilience to varied environments.



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