



**A range of lubricants and rust preventatives for manufacturing longitudinally welded tube and pipe**

## Introduction

Metalube® offers a comprehensive range of lubricants for the manufacturing of welded tube and pipe.

Metalube® tube and pipe lubricants use the latest and most innovative technology to ensure the highest quality at each stage of the tube manufacturing process.

High-quality, roll-forming lubricants (Cool-Tek™) give unsurpassed corrosion protection and cleanliness. The unique range of Metalube® rust preventatives (Meta-Shield™) uses self-healing thixotropic technology, leaving thin and highly protective film coatings which are easily removed by cleaners. Our water-based rust preventatives provide technical solutions to the many issues faced from cross contamination during in-line spray application and offer a major economic advantage over solvent-based technology.

Metalube® has a solution for all steel types including hot-rolled, cold-rolled, pregalvanised and stainless steel. Cool-Tek™ and Meta-Shield™ lubricants offer excellent protection against red rust and white rust.

The Metalube® range of finishing products including cleaners and minimum-quantity sawing lubricants can further enhance the tube manufacturing process.

## Features and benefits

- Comprehensive range for each stage of tube and pipe production
- Latest technology to ensure the highest quality at each stage of the tube manufacturing process
- Compatible coolant/rust preventative for in-line spray application
- Improved cleanliness and corrosion protection

## Pack sizes

Metalube® tube and pipe lubricants are available in 1000L IBCs, 205L barrels and 25L containers..

## Global specialists in high-performance lubricants

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# The Cool-Tek™ and tube and pipe lubricant Selector Chart



**METALUBE®**

Product name	Type	Concentration	Steel Type				Application	Hydrotesting	Sawing / Punching	Advantages and Benefits
			Hot Rolled	Cold Rolled	Pregalvanised	Stainless				
Rollforming Coolants										
Cool-Tek™ 100	Synthetic	3-5%					High focus of corrosion protection			Highest level of corrosion protection, corrosion break point = 0.5%
Cool-Tek™ 200	Semi-Synthetic Hybrid	5-6%					Larger sump size > 10,000L Scaffolding and Structural Pipe			High level of cleanliness, corrosion break point = 2%
Cool-Tek™ 250	Semi-Synthetic Hybrid	4-6%					Smaller sump size < 8,000L Furniture and Decorative Tube			Highest level of cleanliness, corrosion break point = 1%
Cool-Tek™ 450	Synthetic	5-10%					Stainless and Hard Alloys			High lubrication for harder alloys
Rust Preventatives										
Meta-Shield™ W1000D	Water-based	100%					3-6M indoor protection			Compatible with Cool-Tek, easy to remove residue – Thixotropic
Meta-Shield™ W1000C	Water-based	15-25%					2-6M indoor protection			Compatible with Cool-Tek, easy to remove residue – Thixotropic
Meta-Shield™ WX600	Water-based	100%					>12M indoor protection			Compatible with Cool-Tek, easy to remove residue – Thixotropic
Meta-Shield™ S610	Solvent-based	100%					3-6M indoor protection			Thixotropic thin film
Meta-Shield™ S620	Solvent-based	100%					6-12M indoor protection			Thixotropic thin film
Meta-Shield™ S1020	VOC free Solvent-based	100%					6-12M indoor protection			Thixotropic thin film, VOC free
Cleaners										
Meta-Shield™ W500	Alkaline	2-10%					Cleaner with good corrosion protection			Post cleaning corrosion protection
Metaclean™ 258AL	Alkaline	5-20%					Heavy duty			High Alkalinty for thorough cleaning
Minimum Quantity Saw Lubricants										
Metacut™ MQL20	MQL oil	100%					MQL saw lubricant for steel			MQL lubricant for ferrous metal
Metacut™ MQL30	MQL oil	100%					MQL saw lubricant for hard alloys			MQL lubricant with added EP

The product information in this publication is based on knowledge and experience at the time of printing. There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility. Issue date: 13/02/18