



CLEARLY SUPERIOR TUBE LUBRICANTS

AMgel™ DATA SHEET

AMgel™ is a range of non-oil, water-based tube bending lubricants, designed to replace conventional oils. AMgel™ products are specifically formulated to meet the specific requirements of tube bending.

Requiring no mixing or agitation, AMgel™ lubricants can be applied by brush, wipe or ideally via the mandrel lubrication system which can be supplied by AddisonMckee.

Components can usually be assembled and welded without pre-wash. Gel is then easily removed in the first stage of most paint pre-treatment systems, using only moderate temperatures and mild detergents. Choice of gel will depend upon complexity of operation.

Unlike oils, AMgel™ products are designed to be applied exceptionally sparingly. They do not drip or run from components and, therefore, help keep work areas clean and tidy.

Being of very low toxicity, they are all environmentally compatible, and potentially foul sewer disposable (with permission). Programmable gel application equipment ensures that the right product is delivered to the right area in the right amount at the right time.

Injector pumps are used to distribute the required amount of gel to the mandrel balls and wiper dies. The frequency of each cycle is determined by the bender programme.



For all your AMgel™ tube lubrication requirements,
visit www.tubemart.com

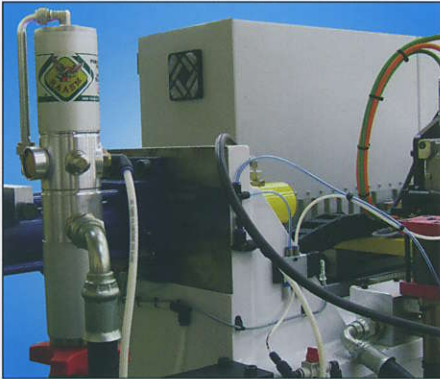
from  TUBEMART™

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Features & Benefits

clearly superior tube lube



Gelled Formulation

- Significantly enhanced tube lubrication
- Reduced heat for extended tool life
- Only apply where needed with no 'run off', for reduced lube waste and consumption
- Clean and safer working environment – no liquid spillage around machines
- Cleaner components – with significant increased glove life because of reduced contamination

Range of Gels

- Wide range of gels for numerous applications
- Capable of lubricating most difficult bending processes and materials
- Ensures minimal thinning of tube wall

Water Based

- Non-oil-based formulation potentially allows products to be welded without prior washing
- Easily removed with low alkaline water-based detergents

AMgel is an extremely effective general purpose gelled lubricant designed to facilitate the bending of tube. Light to medium duty bends can be undertaken in steel, stainless steel or aluminium

AMgel plus is used where it is essential to increase the standard of the lubrication required. Light to heavy duty bends can be undertaken in steel, stainless steel and aluminium

AMgel ultimate as the name suggests is used where maximum lubrication is required due to the severity of the bend or the type of metal being processed

Environmentally Friendlier

- Gelled formulation for reduced usage
- Cleaner working area – less chance of bacterial growth and unpleasant smells
- Less contact with operators – reduces skin complaints such as Dermatitis
- No Chlorinated or Sulphur-based additives
- No need for heavy duty cleaners i.e. Caustics / Solvents

Economical

- The right product for the right application
- Reduced usage – increased application intervals
- Apply where needed – no overspray
- Component rejects / reworks due to paint compatibility is significantly reduced
- Efficient cleaning improves product quality

Product	Materials					
	Mild Steel Thin Wall	Mild Steel Thick Wall	Stainless Steel Thin Wall	Stainless Steel Thick Wall	Aluminium	Exotic Metals ie Titanium
AMgel	■		■		□	
AMgel plus	■	□	■	□	■	□
AMgel ultimate	■	■	■	■	■	□

□ Potentially can be used

■ Can be used

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