

ADVANCE 6170

Synthetic Tube Bending and Forming Lubricant



Product Description

ADVANCE 6170 is an environmentally friendly metalforming lubricant designed to bend fabricated tubing for the HVAC, automotive, aerospace and appliance industries. **ADVANCE 6170** is an *oil free* synthetic paste lubricant which tenaciously adheres to both the mandrel and the tube thereby reducing lubricant consumption and messy work areas. **ADVANCE 6170** is weldable, cleans off easily with only water and protects metal surfaces. **ADVANCE 6170** is the ideal choice for tube bending and heavy gauge deep drawing and forming operations.

Benefits

- ✓ Outstanding corrosion protection
- ✓ Cleans off easily using only water
- ✓ High operator acceptance
- ✓ Eliminates smoke and oil residues
- ✓ Paste lubricant ideally suited to form round or square tubing.
- ✓ Versatile – multiple applications
- ✓ Contains no petroleum oils
- ✓ Superior die life
- ✓ *Seals* metal surfaces to repel moisture
- ✓ Excellent finishes on soft metals
- ✓ Reduces post finishing costs
- ✓ Tenacious film - no reapplication ... *"stays where you put it"*
- ✓ Cost-effective - low end use cost
- ✓ Biodegradable

Applications

- ✓ Bending stainless and aluminum tubing
- ✓ Tube swaging
- ✓ Deep drawing steel blanks
- ✓ Tube drawing/expanding
- ✓ Bending exhaust manifolds, heat exchangers, fuel lines, etc.
- ✓ Wire die box drawing
- ✓ Punching/Piercing/Notching
- ✓ Endforming
- ✓ Compound die stamping

Directions for Use: **ADVANCE 6170** is usually applied as received to the tube or mandrel before bending. The paste lubricant form enhances application by brushing, swabbing or dipping methods. **ADVANCE 6170** can be diluted with water for hand spraying. **NOTE:** **ADVANCE 6170** can also be thinned by adding small amounts of water directly to the lubricant to achieve desired consistency.

Properties

Appearance	White, smooth paste	Water Solubility	Complete
Odor	Bland	Specific Gravity	0.90 – 1.10

Packaging **ADVANCE 6170** is available in 5 gallon pails and 55 gallon drums.

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