



PRO-CHEM-CO, INC.

TECHNICAL DATA

PRO-FORM 865

SYNTHETIC PASTE DRAWING LUBRICANT

DESCRIPTION:

PRO-FORM 865 is a heavy-duty, synthetic “**paste**” lubricant for drawing, stamping, and bending operations on all metals. This revolutionary metalforming lubricant offers unique chemistry and properties absent in other solid lubricants. PRO-FORM 865 contains no oil, is smokeless and weldable, yet offers corrosion protection equal to oil-based products. The “**self sealing**” protective film left on metal can be easily removed in just warm water.

BENEFITS:

- Anneable/Weldable (ashless)
- Outstanding tube forming lubricant
- Good anti wipe properties
- Exceptional part finishes on aluminum
- Reduces heat build-up and holds part size vs. oils
- Non-hazardous (no oil or solvent)
- Operator friendly
- Exceptional in process corrosion control
- Good die and tool life
- “Chlorine free” for aerospace work
- Will easily draw 8-gauge steel
- Easy to clean off
- No mess – stays where you apply it!
- Hydrophobic – repels moisture and humidity

METALFORMING APPLICATIONS:

- Tube Bending
- Spinning
- Contour Forming
- End Forming
- Deep Drawing
- Blanking
- Stamping
- Wire Drawing
- Tube Drawing
- Tube Expanding
- Piercing/Punching
- Tube Swaging

DIRECTIONS FOR USE:

PRO-FORM 865 is usually rolled on blanks as received for drawing operations or as a dip lubricant in end forming. The lubricant can be diluted up to 1:10 for spray applications. Always **add water to the lubricant** for homogeneity and economy. A dilution of 1:2 makes a very effective stamping emulsion which can be applied by oiler or spray bottle.

PROPERTIES:

Appearance -----	Off White, Smooth Paste
Odor -----	Mild Characteristic
Solubility -----	Complete at all proportions
Specific Gravity -----	1.001

PACKAGING:

PRO-FORM 865 is available in pails and drums.