

BONDERITE L-FG GP 714 ACHESON COLD FORMING LUBRICANT

(KNOWN AS GP 714 ACHESON)

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Description:

BONDERITE L-FG GP 714 ACHESON (Known As GP 714 Acheson) is a suspension of molybdenum disulfide and graphite in water. It was developed to function as a dry film lubricant for wire drawing and cold forming applications.

BONDERITE L-FG GP 714 ACHESON (Known As GP 714 Acheson) offers the following advantages:

- Withstands high loads and extreme extrusion pressure
- Can be applied at room temperature--cures at room temperature
- Non-flammable and non-smoking
- Energy saver--no heat required for dip tank applications
- Thin film properties increase drawing speeds
- No objectionable odors
- Non-corrosive and no toxic fumes emitted
- Reduces heat build-up on tool surfaces

Typical Applications:

Wire and Rod Drawing Cold Heading Cold Extrusion

Note: In many operations the residual film of BONDERITE L-FG GP 714 ACHESON (Known As GP 714 Acheson) is left on the surface for lubrication in subsequent forming operations.

Physical Properties:

Lubricant:	processed MoS ₂ /graphite
Carrier:	water
Diluent:	water
Shipping weight:	9 lb/gal
Shelf life:	12 months from date of qualification under original seal

Method of Use:

The recommended dilution ratio is one part of BONDERITE L-FG GP 714 ACHESON (Known As GP 714 Acheson) with one part water. Although the material is fairly stable in the diluted form, mild agitation should be maintained in the tank. The coils or blanks to be coated should be cleaned thoroughly to eliminate oil or wax films prior to applications. Hot air blow dryers may be used to accelerate drying process.



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Cleaning

Standard heavy industrial alkaline cleaner.

Precautions:

Store BONDERITE L-FG GP 714 ACHESON (Known As GP 714 Acheson) in a cool place, but do not allow it to freeze. Product should not be used once frozen. Always tightly reseal the container to prevent evaporation or contamination. (Refer to Henkel Material Safety Data Sheet for current safety and first aid instructions.)

Container Sizes:

<u>Size</u>	<u>Weight</u>
5 gallon	45 lb (20.4 kg)
55 gallon drum	500 lb (227.2 kg)

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