

# ProHere® U 10001

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**BRAND FAMILY OVERVIEW** ProHere® grades are waterborne polymer dispersions and emulsions specifically developed for use in metal coatings. The range encompasses both polymer resins that can serve as organic binders in a coating formulation as well as lubricants and anti-scratch additives for metal processing and in-use lubricants.

**USAGE** Provides good adhesion to various metallic substrates, high mechanical flexibility and chemical resistance. Combining this with a wide formulation freedom and good optical aspects, it is a good starting point for your direct-to-metal formulations.

**DESCRIPTION** Aliphatic Polyurethane Disperion

**PERFORMANCE ATTRIBUTES** This product is used in many applications including the following:

Market	Properties Imparted
General Metal	<i>adhesion, chemical resistance, corrosion resistance</i>

**PHYSICAL PROPERTIES** The following properties are typical but should not be considered specifications:

Appearance:	Milky white
Solids Type:	Aliphatic Polyurethane
Emulsifier Charge:	Anionic / Nonionic
Non-Volatile (%) :	58.0 - 60.0
pH:	6.5 - 8.5
Recommended pH of your system:	> 7.0
Brookfield Viscosity (cps) :	500 - 1700
Spindle Number:	3
RPM:	60

**STORAGE** Keep containers tightly closed in a dry, cool and well-ventilated place.

**HANDLING** Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Use personal protective equipment as required.

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The following information for this product, specific to each site of manufacture, is available upon request:

- Material Safety Data Sheets in various formats and languages (includes global chemical inventory listing)
- Food Contact Declaration of Compliance (if applicable)

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