



# Product Application & Results

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**PRODUCT:** Ultraflex<sup>®</sup> Drying Agent 400      **Stock #** UF400

**Description:** A highly-concentrated, premium drying agent that incorporates the latest advances in surfactant technology, causing water to break faster, resulting in a drier car. Product designed for use in all type of car wash systems.

**Color:** Red liquid

**Scent:** Mild

**Foaming Ability:** Low

**Features**

Ultra Concentrated  
Highly Effective  
Advanced surfactant chemistry

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**Benefits**

= Convenience and Value.  
= Cars dry faster.  
= Lowest retention time for residual water drops.

**Application**

**Dilution ` Ratios**

	<b><u>Strongest</u></b>	<b><u>Weakest</u></b>	<b><u>Average</u></b>	<b><u>ml per car</u></b>
Most Drying Application	1:600	1:1400	1:1000	4 - 9
Self-serve Application	1:500	1:1200	1:800	5 - 10

Ultraflex<sup>®</sup> Drying Agent 400 can be drawn direct using checkhub (P21000001) and single tip configuration.

Required strength of product dilution will vary depending on type and condition of equipment used.

**Guidelines for Application**

**Water Quality:** Mix only with fresh water, never use reclaimed water.

**Solution** Mix with cold water. Warm water may improve performance of this

**Temperatures:** product.

**Surface** Vehicles should be clean and well rinsed prior application of drying  
**Preparation:** agent.

**Economy:** Adjust dilution to get the desired beading at the greatest economy. While low pressure, low volume systems are the most efficient at applying drying agents, Drying agent 400 works well under high pressure too.

**Special Instructions**

This product will quickly cause normal draw tubing to become brittle and crack due to the solvent in the formula. It is MANDATORY to use the following tubing from the reservoir to the point of dilution:

**Tygon Fuel and Lubricant tubing, Formulation F-4040-A 1/4" I.D. x 3/8" O.D.**

This tubing can be purchased from:

Supplier	Catalog number
Cole-Parmer 1-800-323-4340 <a href="http://www.coleparmer.com">www.coleparmer.com</a>	R-95633-03
US Plastic Corp. 1-800-537-9724 <a href="http://www.usplastic.com">www.usplastic.com</a>	57330

**ClearFlo Fuel & Oil tubing .250 x .375".**

This tubing can be purchased from:

Supplier	Part number
New Age Industries 1-215-526-2300 <a href="http://www.newageindustries.com">www.newageindustries.com</a>	1110102

USE VITON FOOT-VALVES & VITON SEALS ON METERING DEVICES.

**Viscosity – temperature relation.**

Viscosity of this product will change with temperature according chart below (water viscosity at 72°F = 1 centipoises, cp). Significant change in product temperature requires ADJUSTMENT of metering tips or pump setting to keep similar flow of product through metering devices.

Temperature, °F	Viscosity, cp
40	96
50	75
60	60
70	49
80	40
90	34
100	29
110	25