

# Relius™ UV-cure Adhesive Coating Dispenser

## The fast, efficient way to apply consistent amounts of UV-cure adhesives to tubing and cylindrical components



The Relius UV-cure Adhesive Coating Dispenser is a compact, pneumatically operated system that makes it simple to apply accurate, repeatable amounts of UV-cure adhesives to tubing, fittings and other cylindrical components.

The Relius UV-cure Adhesive Coating Dispenser provides a fast, neat alternative to manual adhesive application--simply insert the component into the applicator orifice to automatically coat the ID, OD or both surfaces with the correct amount of adhesive.

### Benefits include:

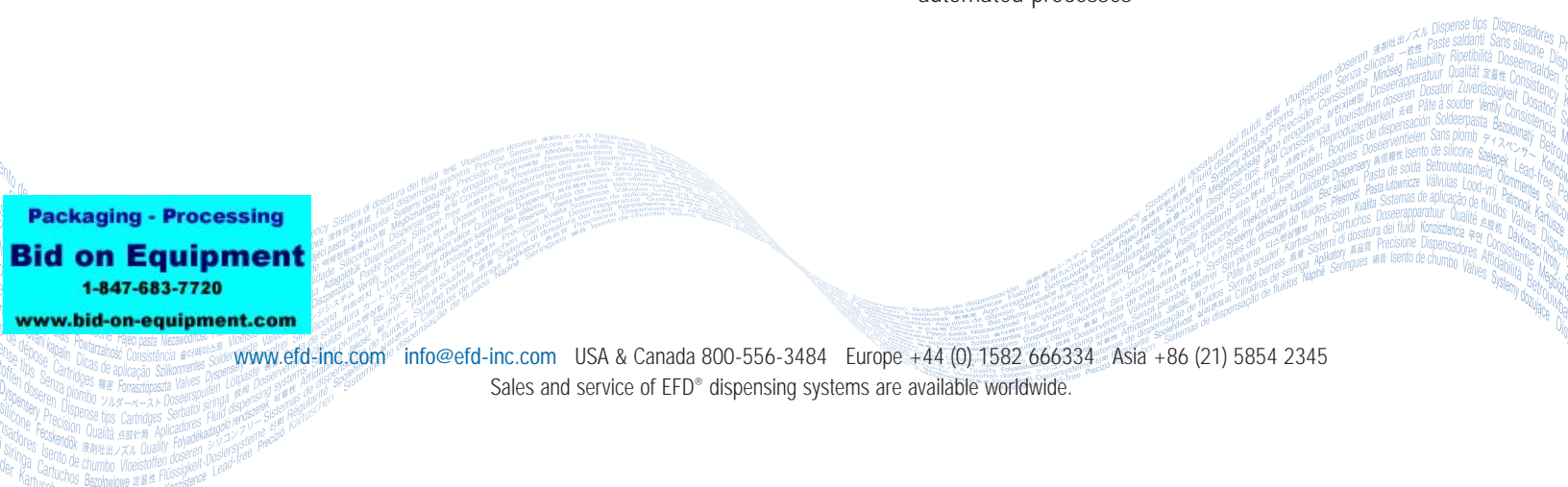
- Greater process control
- Faster throughput, higher yields
- Coats ID, OD or both surfaces simultaneously
- Better product reliability and appearance
- Makes coating process less operator-dependent
- Eliminates fluid contamination and waste
- Fast changeover for different products
- Closed tank reduces vapors
- Ideal for benchtop, semiautomated and fully automated processes

TM

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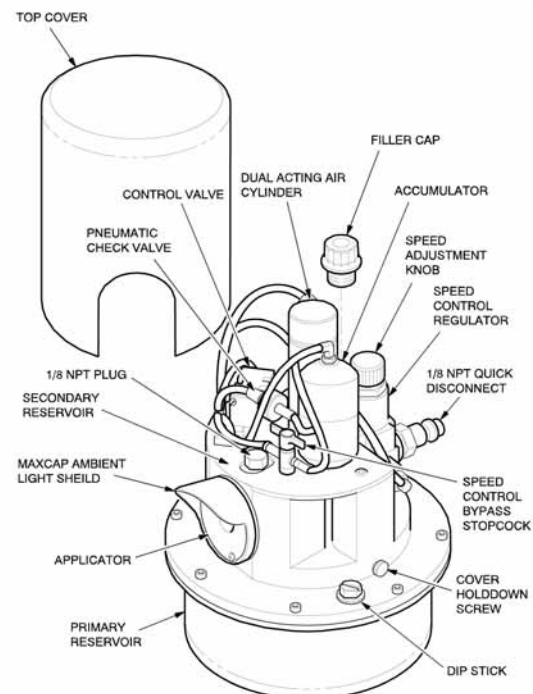
Sales and service of EFD® dispensing systems are available worldwide.





## Specifications

Power Requirements:	60-90 PSI (4.2-6.3 kgf/c M2) regulated clean, dry air supply
Pneumatic Coupling Supplied:	Quick disconnect male plug, 1/8" male NPT standard (ISO 1/8 28 7/1)
Air Consumption:	7.2 cc (.44 cu. in) /stroke : .0125 cu meters .46 cu. ft) /hr @ maximum recommended speed
Compatible UV Cure Adhesives	Up to 1000 cPs viscosity
Component Geometry	Cylindrical or Oval surfaces
Operating Temperature Range	10°C to 46° (50°F to 115°F)
Dispensing Length Range	Up to 25.4 mm (1 inch)
Dispensing Surface Range	External Surface: 1.5 mm-19.1 mm (.060"-.750") Internal Surface: 2.5 mm-25.4 mm (.100"-1.00") OD/ID Surface: 3.8 mm /2.5 mm-19.1 mm/15.2 mm (.150"/.100" to .750"/.600")
Pump Displacement	1.33 cc per stroke nominal
Maximum Recommended Speed	10 Strokes per minute
Minimum Recommended Speed	2 Strokes per minute
UV Cure Adhesive Applied	Dependent on component size, length of dispensing, and pump speed
Size	26.0 cm high x 19.7 cm diameter (10.2" x 7.8")
Weight (dry)	3.7 kg : 8.2 lbs.
Maximum UV Cure Adhesive (Usable Volume)	1.0 liters
Construction	Anodized aluminum, stainless steel, PTFE, Nylon, nickel-plated brass, UHMW polypropylene, UHMW polyethylene
National Electrical Code Conformance	Not applicable



**EFD**<sup>®</sup>  
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For EFD sales and service in over 30 countries, contact EFD or go to [www.efd-inc.com/contact](http://www.efd-inc.com/contact)

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