Chemical injecting has never been so simple
Most Efficient
With the lowest pressure loss among competitive units, the Rocket injectors deliver more pressure for any application.

Effortless to Repair
Use of a removable nozzles and metering barb make maintenance and repair simple extending the life of an injector.

Greatest Range
The Rocket leads the industry by running the gamut of operating pressures and covering the extreme range of dilution ratios.

The Rocket injector enables cleaning at greater pressures while consuming less chemicals.

The long lasting, durable injector bodies, designed to be field serviceable, reduce the cost to maintain the Rocket.

The flexibility of the Rocket helps to operate systems at lower pressures, saving energy and reducing operational costs.

Better Performance

Lower Cost of Ownership

Most Versatile

Designing the system...
Being a Rocket scientist becomes a reality

Customization for a chemical injection system is as simple as 1...2...3

1.) Colors
We have options on metering barb colors to match any scheme needed. Metering barbs can be customized at low minimums for existing colors.

2.) Chemicals
We have plenty of seal materials at our disposal to allow for the chemical compatibility needed to get long life out of the Rocket Injector.

3.) Flow
We have the ultimate in flexibility with American Manufacturing so that we can cover any flow needed for any application.
A look inside: What makes the Rocket fly?

Removable metering barb for ease of maintenance and repair

Color coded metering barb to easily identify nozzle orifice size inside injectors

Teflon ball for chemical compatibility and check valve to keep chemical at the ready

Injection molded polypropylene to protect stainless steel body

Hastelloy spring for robust chemical compatibility

Aflas seals for best chemical compatibility

316 Stainless Steel removable nozzle for strength and ability to repair

Stainless steel cast body for strength

ACCESSORIES

464M Stainless Steel Manifold

- ½" NPT Inlet
- 150 PSI MOPD
- 3/8" NPT Outlet Injectors can thread directly into Manifold
- Viton Diaphragms Standard

Y Strainers

- S4B: ½" NPT for inlet to manifold to protect valves and injectors
- S3P: 3/8" NPT for inlet to injectors for designing chemical injection systems

Repair Kits

Each Kit allows full rebuilding of a unit

Nozzle and Barb Kits for Single Barbs

<table>
<thead>
<tr>
<th>Kit Code</th>
<th>Single Barb Kit</th>
</tr>
</thead>
<tbody>
<tr>
<td>21.057</td>
<td>21.070</td>
</tr>
<tr>
<td>21.083</td>
<td>21.086</td>
</tr>
<tr>
<td>21.098</td>
<td>21.125</td>
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</table>

Nozzle and Barb Kits for Dual Barbs

<table>
<thead>
<tr>
<th>Kit Code</th>
<th>Dual Barb Kit</th>
</tr>
</thead>
<tbody>
<tr>
<td>22.057</td>
<td>22.070</td>
</tr>
<tr>
<td>22.083</td>
<td>22.086</td>
</tr>
<tr>
<td>22.098</td>
<td>22.125</td>
</tr>
</tbody>
</table>

Check Valve Kits

<table>
<thead>
<tr>
<th>Kit Code</th>
<th>Kit Type</th>
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</thead>
<tbody>
<tr>
<td>21.001</td>
<td>Single Barb Kit</td>
</tr>
<tr>
<td>21.002</td>
<td>Dual Barb Kit</td>
</tr>
</tbody>
</table>
### Standard Injectors 3/8" X 3/8" NPT Connections

<table>
<thead>
<tr>
<th>Color</th>
<th>Flow Orifice</th>
<th>Flow Rate @ 200 PSI</th>
<th>Single Barb</th>
<th>Dual Barb</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red</td>
<td>0.057&quot;</td>
<td>1.1 GPM</td>
<td>210.057</td>
<td>221.057</td>
</tr>
<tr>
<td>Orange</td>
<td>0.070&quot;</td>
<td>1.7 GPM</td>
<td>210.070</td>
<td>221.070</td>
</tr>
<tr>
<td>Grey</td>
<td>0.083&quot;</td>
<td>2.4 GPM</td>
<td>210.083</td>
<td>221.083</td>
</tr>
<tr>
<td>Blue</td>
<td>0.086&quot;</td>
<td>2.6 GPM</td>
<td>210.086</td>
<td>221.086</td>
</tr>
<tr>
<td>Light Green</td>
<td>0.098&quot;</td>
<td>3.4 GPM</td>
<td>210.098</td>
<td>221.098</td>
</tr>
<tr>
<td>Dark Green</td>
<td>0.125&quot;</td>
<td>5.3 GPM</td>
<td>210.125</td>
<td>221.125</td>
</tr>
</tbody>
</table>

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**DID YOU KNOW?**

We have other flow rate data available as well!

### Metering Tip Kits

**Single Barb**

**Dual Barb**

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**NOTE:** Dilution Ratios are based on 200 PSI inlet pressure and 90 PSI outlet pressure. Dilution Ratios are based on drawing water or water-thin product through the metering tip. Different viscosities and temperatures will affect the draw rates and lower the amount of fluid inducted increasing the overall dilution ratio making the injectors more lean.

Dual Metering Barb Information Available Upon Request

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