New color-coded plastic VeeJet® spray nozzles provide recognizable performance

Spraying Systems Co.’s new plastic VeeJet spray nozzles are color-coded by spray angle to make nozzle recognition easy. Designed specifically for the car wash market, these one-piece spray nozzles provide a flat “fan” spray pattern and are an excellent choice for wetting, pretreatment, rinsing, lubrication, and chemical applications.

The plastic VeeJet spray nozzles are available with eight different color-coded spray angles: 25°, 40°, 50°, 65°, 80°, 95°, 110°, and 120°, and in capacity sizes typically used in the car wash industry. A 1/4” NPT or BSPT male inlet connection is offered along with an optional removable strainer. The nozzle is recommended for use at pressures up to 500 psi at 150°F (35 bar at 66°C).

constructed of molded Kynar® — a super tough, chemical-resistant fluoropolymer (PVDF) — the plastic VeeJet spray nozzles are more versatile and economical than metal nozzles. Kynar is particularly well suited for car wash applications because it withstands a variety of temperature ranges and is resistant to acids, bases, and oxidizing agents. In fact, the Kynar material can be used in temperatures up to 300°F (149°C).

The plastic VeeJet spray nozzles feature special lead-in threads that help guide the nozzle into position. These threads eliminate the problem of getting the nozzle “started” and prevent cross threading and stripping. A unique tapered hex on the nozzle body makes the nozzle adaptable for either a 7/16” or 11 mm socket wrench to ease installation or removal.

Another key feature of the plastic VeeJet spray nozzle is its alignment flats on the nozzle body flange. Easily visible, even when using a socket wrench, the flats help to ensure proper spray alignment and reduce alignment time.

Typical Applications
• Car Washing Arches
• Parts Washing Equipment
• Floor Cleaning Equipment
• Chemical Spraying
• Abrasive Fluid Spraying (Recycled Systems)
• Temperature Sensitive Spraying (Hot Chemical Applications)

Maximum Pressures at Various Temperatures

Kynar is a registered trademark of Elf Atochem North America, Inc.
### Plastic VeeJet® Spray Nozzle Specifications

#### Nozzle Dimensions

- **Tapered hex.** allows use of both 7/16" and 11 mm wrench socket sizes.
- **Flats** provide easy alignment with plane of spray.

#### Performance Data

<table>
<thead>
<tr>
<th>Nozzle Type</th>
<th>Color-Coded Spray Angle at 40 psi (3 bar)</th>
<th>Equiv. Orifice Dia. (mm)</th>
<th>Capacity — Gallons Per Minute (Liters Per Minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>White 40°</td>
<td>Blue 50°</td>
<td>Purple 65°</td>
</tr>
<tr>
<td>NPT (M)</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>BSPT (M)</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>H 1/4 VV-CKY</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>HB 1/4 VV-CKY</td>
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</tbody>
</table>

#### Flange allows for easy installation and removal using a standard socket wrench.

### Ordering Information

**Specify:** Nozzle type, spray angle and capacity.

**Examples:**

- **For NPT Thread**
  - H1/4VV-CKY 65 06
  - HB1/4VV-CKY 65 06
  - For Nozzle with Strainer
  - H1/4VVL-CKY 65 06

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