

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).

Kynar is a registered trademark of Elf Atochem North America, Inc.

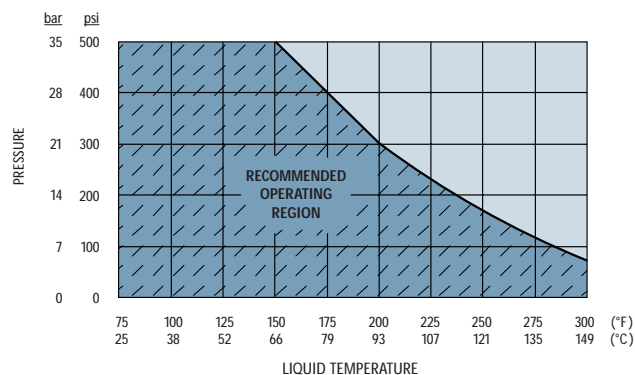
The plastic VeeJet spray nozzles feature special lead-in threads that help guide the nozzle into position. These threads eliminate the problem of getting the nozzle "started" and prevent cross threading and stripping. A unique tapered hex on the nozzle body makes the nozzle adaptable for either a 7/16" 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



For car wash applications



Spraying Systems Co.®

Plastic VeeJet® Spray Nozzle Specifications

Nozzle Dimensions

Tapered hex. allows use of both 7/16" and 11 mm wrench socket sizes

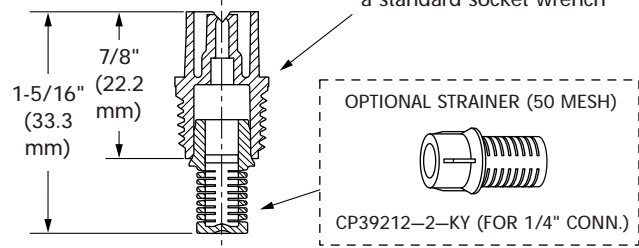
Flats provide easy alignment with plane of spray

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

9/16" (14.3 mm) flats

5/8" (15.9 mm) Dia.

1/4" pipe connection NPT (M) or BSPT (M)



Performance Data

Nozzle Type		Color-Coded Spray Angle at 40 psi (3 bar)								Equiv. Orifice Dia. Inches (mm)	Capacity – Gallons Per Minute (Liters Per Minute)										
		Green 25°	White 40°	Blue 50°	Purple 65°	Light Green 80°	Grey 95°	Light Blue 110°	Light Purple 120°		5 psi (0.3 bar)	10 psi (1 bar)	20 psi (2 bar)	30 psi (3 bar)	40 psi (4 bar)	60 psi (5 bar)	80 psi (6 bar)	100 psi (7 bar)	200 psi (10 bar)	300 psi (20 bar)	500 psi (35 bar)
H 1/4 VV-CKY	HB 1/4 VV-CKY	–	4002	5002	6502	8002	9502	11002	12002	.036 (0.91)	.07 (0.25)	.10 (0.46)	.14 (0.64)	.17 (0.79)	.20 (0.91)	.25 (1.0)	.28 (1.1)	.32 (1.2)	.45 (1.4)	.55 (2.0)	.71 (2.7)
		–	–	–	65025	–	–	–	–	.040 (1.0)	.09 (0.31)	.13 (0.57)	.18 (0.81)	.22 (0.99)	.25 (1.1)	.31 (1.3)	.35 (1.4)	.40 (1.5)	.56 (1.8)	.68 (2.5)	.88 (3.4)
		2503	4003	5003	6503	8003	9503	11003	12003	.043 (1.1)	.11 (0.37)	.15 (0.68)	.21 (0.97)	.26 (1.2)	.30 (1.4)	.37 (1.5)	.42 (1.7)	.47 (1.8)	.67 (2.2)	.82 (3.1)	1.1 (4.0)
		–	4004	5004	6504	8004	9504	11004	12004	.052 (1.3)	.14 (0.50)	.20 (0.91)	.28 (1.3)	.35 (1.6)	.40 (1.8)	.49 (2.0)	.57 (2.2)	.63 (2.4)	.89 (2.9)	1.1 (4.1)	1.4 (5.4)
		–	4005	5005	6505	8005	9505	11005	12005	.057 (1.4)	.18 (0.62)	.25 (1.1)	.35 (1.6)	.43 (2.0)	.50 (2.3)	.61 (2.5)	.71 (2.8)	.79 (3.0)	1.1 (3.6)	1.4 (5.1)	1.8 (6.7)
		2506	4006	5006	6506	8006	9506	11006	12006	.062 (1.6)	.21 (0.75)	.30 (1.4)	.42 (1.9)	.52 (2.4)	.60 (2.7)	.73 (3.1)	.85 (3.3)	.95 (3.6)	1.3 (4.3)	1.6 (6.1)	2.1 (8.1)
		2507	4007	–	6507	8007	–	–	–	.67 (1.7)	.25 (0.87)	.35 (1.6)	.50 (2.3)	.61 (2.8)	.70 (3.1)	.86 (3.6)	.99 (3.9)	1.11 (4.2)	1.6 (5.0)	2.1 (7.2)	2.5 (9.5)
		2508	4008	5008	6508	8008	9508	11008	12008	.072 (1.8)	.28 (1.0)	.40 (1.8)	.56 (2.6)	.69 (3.2)	.80 (3.6)	.98 (4.1)	1.1 (4.5)	1.3 (4.8)	1.8 (5.8)	2.2 (8.2)	2.8 (10.8)
		2510	4010	–	6510	8010	–	–	–	.082 (2.0)	.35 (1.2)	.50 (2.3)	.71 (3.2)	.87 (3.9)	1.0 (4.6)	1.22 (5.1)	1.4 (5.6)	1.6 (6.0)	2.2 (7.2)	2.7 (10.2)	3.5 (13.5)

Ordering Information

Specify: Nozzle type, spray angle and capacity

Examples:

For NPT Thread

H1/4VV-CKY 65 06

Nozzle Type Spray Angle Capacity

For BSPT Thread

HB1/4VV-CKY 65 06

Nozzle Type Spray Angle Capacity

For Nozzle with Strainer

H1/4VVL-CKY 65 06

Nozzle Type Spray Angle Capacity



Spraying Systems Deutschland GmbH
Grossmoorkehre 1
D-21079 Hamburg
Tel: +49 (0)40 766 00 10
Fax: +49 (0)40 766 00 13 3
info@spray.de
www.spray.de

Spraying Systems Austria GmbH
Am Winterhafen 13
A-4020 Linz
Tel: +43 (0)70 77 65 40
Fax: +43 (0)70 77 65 40 10
info@spraying.at
www.spraying.at

SSCO-Spraying Systems AG
Eichenstrasse 6
CH-8808 Pfäffikon SZ
Tel: +41 (0)50 410 10 60
Fax: +41 (0)50 410 39 30
info.ch@spray.com
www.scco.ch