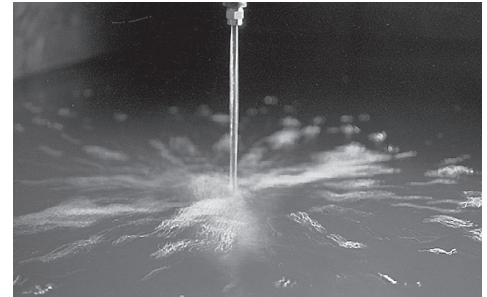
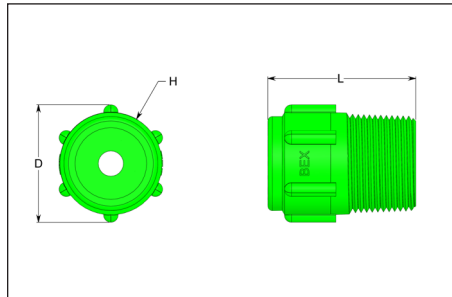
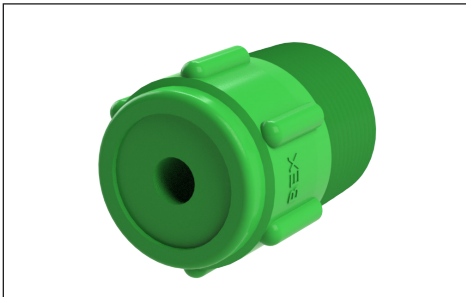




# F0 MOLDED SPRAY NOZZLE

FLAT SPRAY • THREADED CONNECTION



Spray angle not exactly as shown

## SPRAY CHARACTERISTICS:

A high impact solid stream which sprays at 0°. Ideal for situations where maximum impact is required over a very small target area

## CONSTRUCTION:

Each BEX molded nozzle is designed with a series of "knobs" which makes them easier to finger tighten than a hex, especially when wet. The design feature of a small starter barrel greatly reduces the tendency to strip or cross-thread the nozzle during installation.

## MATERIALS AVAILABLE:

### POLYOROPYLENE (LL) - (Green)

Excellent chemical and corrosion resistance. Useful up to 175°F

**NATURAL POLYPROPYLENE (LN)** Non-pigmented for optimum purity

**PVDF (KK) - (Red)** Excellent durability and abrasion resistance and is inert to most chemicals. Useful up to 300°F.

### NATURAL PVDF (KN)

Non-pigmented for optimum purity.

## TYPICAL APPLICATIONS:

- Printed Circuit Board Washing
- PCB-Etching/Developing
- Semiconductor Manufacturing
- Pressure Washing
- Street Sweeping
- Carpet Cleaning
- Fruit and Vegetable Washing
- Plating Processing
- Dust Suppression
- Acid Spraying
- Degreasing
- Coating Applications
- Foam Control
- Metal Washing
- Chemical Spraying
- Rising Parts

| NOZZLE TYPE | Dim. D | Dim. H | Dim. L |
|-------------|--------|--------|--------|
| 1/8F        | 0.62   | 9/16   | 0.8    |
| 1/4F        | 0.62   | 9/16   | 1.0    |
| 3/8F        | 0.77   | 11/16  | 1.0    |

| Model ID  | Orifice Diameter | Capacities at Various Pressures |         |         |       |         |       |       |       |       |       |        |        |        |
|-----------|------------------|---------------------------------|---------|---------|-------|---------|-------|-------|-------|-------|-------|--------|--------|--------|
|           |                  | 0.3 bar                         | 0.5 bar | 0.7 bar | 1 bar | 1.5 bar | 2 bar | 3 bar | 4 bar | 5 bar | 7 bar | 10 bar | 20 bar | 30 bar |
| 1/8F0002  | 0.86             | 0.250                           | 0.32    | 0.38    | 0.46  | 0.56    | 0.64  | 0.79  | 0.91  | 1.02  | 1.21  | 1.44   | 2.04   | 2.50   |
| 1/4F0002  | 0.86             | 0.250                           | 0.32    | 0.38    | 0.46  | 0.56    | 0.64  | 0.79  | 0.91  | 1.02  | 1.21  | 1.44   | 2.04   | 2.50   |
| 1/8F00025 | 0.97             | 0.312                           | 0.40    | 0.48    | 0.57  | 0.70    | 0.81  | 0.99  | 1.14  | 1.27  | 1.51  | 1.80   | 2.55   | 3.12   |
| 1/8F0003  | 1.07             | 0.37                            | 0.48    | 0.57    | 0.68  | 0.84    | 0.97  | 1.18  | 1.37  | 1.53  | 1.81  | 2.16   | 3.06   | 3.7    |
| 1/4F0003  | 1.07             | 0.37                            | 0.48    | 0.57    | 0.68  | 0.84    | 0.97  | 1.18  | 1.37  | 1.53  | 1.81  | 2.16   | 3.06   | 3.7    |
| 1/8F0004  | 1.22             | 0.50                            | 0.64    | 0.76    | 0.91  | 1.12    | 1.29  | 1.58  | 1.82  | 2.04  | 2.41  | 2.88   | 4.1    | 5.0    |
| 1/4F0004  | 1.22             | 0.50                            | 0.64    | 0.76    | 0.91  | 1.12    | 1.29  | 1.58  | 1.82  | 2.04  | 2.41  | 2.88   | 4.1    | 5.0    |
| 1/8F0005  | 1.37             | 0.62                            | 0.81    | 0.95    | 1.14  | 1.40    | 1.61  | 1.97  | 2.28  | 2.55  | 3.01  | 3.6    | 5.1    | 6.2    |

\* TABLE CONTINUES ON FOLLOWING PAGE



F-MOLDED NOZZLE SPECIFICATIONS

0 DEGREE SPRAY ANGLE • FLAT SPRAY • THREADED CONNECTION

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| Model ID | Orifice Diameter | Capacities at Various Pressures |         |         |       |         |       |       |       |       |       |        |        |        |
|----------|------------------|---------------------------------|---------|---------|-------|---------|-------|-------|-------|-------|-------|--------|--------|--------|
|          |                  | 0.3 bar                         | 0.5 bar | 0.7 bar | 1 bar | 1.5 bar | 2 bar | 3 bar | 4 bar | 5 bar | 7 bar | 10 bar | 20 bar | 30 bar |
| 1/4F0005 | 1.37             | 0.62                            | 0.81    | 0.95    | 1.14  | 1.40    | 1.61  | 1.97  | 2.28  | 2.55  | 3.01  | 3.6    | 5.1    | 6.2    |
| 1/8F0006 | 1.50             | 0.75                            | 0.97    | 1.14    | 1.37  | 1.67    | 1.93  | 2.37  | 2.73  | 3.06  | 3.6   | 4.3    | 6.1    | 7.5    |
| 1/4F0006 | 1.50             | 0.75                            | 0.97    | 1.14    | 1.37  | 1.67    | 1.93  | 2.37  | 2.73  | 3.06  | 3.6   | 4.3    | 6.1    | 7.5    |
| 1/4F0008 | 1.73             | 1.00                            | 1.29    | 1.53    | 1.82  | 2.23    | 2.58  | 3.16  | 3.6   | 4.1   | 4.8   | 5.8    | 8.2    | 10.0   |
| 1/8F0010 | 1.93             | 1.25                            | 1.61    | 1.91    | 2.28  | 2.79    | 3.2   | 3.9   | 4.6   | 5.1   | 6.0   | 7.2    | 10.2   | 12.5   |
| 1/4F0010 | 1.93             | 1.25                            | 1.61    | 1.91    | 2.28  | 2.79    | 3.2   | 3.9   | 4.6   | 5.1   | 6.0   | 7.2    | 10.2   | 12.5   |
| 3/8F0010 | 1.93             | 1.25                            | 1.61    | 1.91    | 2.28  | 2.79    | 3.2   | 3.9   | 4.6   | 5.1   | 6.0   | 7.2    | 10.2   | 12.5   |
| 1/4F0015 | 2.39             | 1.87                            | 2.42    | 2.86    | 3.4   | 4.2     | 4.8   | 5.9   | 6.8   | 7.6   | 9.0   | 10.8   | 15.3   | 18.7   |
| 3/8F0015 | 2.39             | 1.87                            | 2.42    | 2.86    | 3.4   | 4.2     | 4.8   | 5.9   | 6.8   | 7.6   | 9.0   | 10.8   | 15.3   | 18.7   |
| 1/4F0020 | 2.74             | 2.50                            | 3.2     | 3.8     | 4.6   | 5.6     | 6.4   | 7.9   | 9.1   | 10.2  | 12.1  | 14.4   | 20.4   | 25.0   |
| 3/8F0020 | 0.27             | 2.50                            | 3.2     | 3.8     | 4.6   | 5.6     | 6.4   | 7.9   | 9.1   | 10.2  | 12.1  | 14.4   | 20.4   | 25.0   |
| 1/4F0030 | 3.38             | 3.7                             | 4.8     | 5.7     | 6.8   | 8.4     | 9.7   | 11.8  | 13.7  | 15.3  | 18.1  | 21.6   | 30.6   | 37     |
| 3/8F0030 | 3.38             | 3.7                             | 4.8     | 5.7     | 6.8   | 8.4     | 9.7   | 11.8  | 13.7  | 15.3  | 18.1  | 21.6   | 30.6   | 37     |
| 1/4F0040 | 3.89             | 5.0                             | 6.4     | 7.6     | 9.1   | 11.2    | 12.9  | 15.8  | 18.2  | 20.4  | 24.1  | 28.8   | 41     | 50     |
| 3/8F0040 | 3.89             | 5.0                             | 6.4     | 7.6     | 9.1   | 11.2    | 12.9  | 15.8  | 18.2  | 20.4  | 24.1  | 28.8   | 41     | 50     |
| 1/4F0050 | 4.34             | 6.2                             | 8.1     | 9.5     | 11.4  | 14.0    | 16.1  | 19.7  | 22.8  | 25.5  | 30.1  | 36     | 51     | 62     |
| 3/8F0050 | 4.34             | 6.2                             | 8.1     | 9.5     | 11.4  | 14.0    | 16.1  | 19.7  | 22.8  | 25.5  | 30.1  | 36     | 51     | 62     |
| 1/4F0060 | 4.75             | 7.5                             | 9.7     | 11.4    | 13.7  | 16.7    | 19.3  | 23.7  | 27.3  | 30.6  | 36    | 43     | 61     | 75     |
| 3/8F0060 | 4.75             | 7.5                             | 9.7     | 11.4    | 13.7  | 16.7    | 19.3  | 23.7  | 27.3  | 30.6  | 36    | 43     | 61     | 75     |
| 1/4F0070 | 5.13             | 8.7                             | 11.3    | 13.3    | 16.0  | 19.5    | 22.6  | 27.6  | 32    | 36    | 42    | 50     | 71     | 87     |
| 3/8F0070 | 5.13             | 8.7                             | 11.3    | 13.3    | 16.0  | 19.5    | 22.6  | 27.6  | 32    | 36    | 42    | 50     | 71     | 87     |