

Plastic Nozzles VP CERTIIM®

P L A S T I C N O Z Z L E S

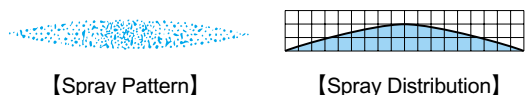


FEATURES

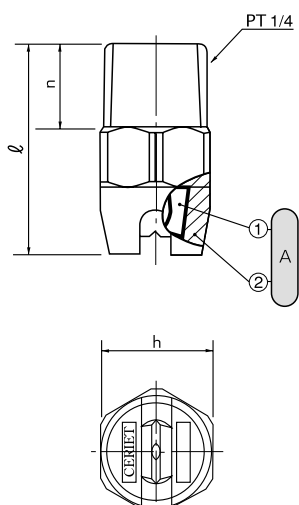
- Highly wear- and chemical-resistant plastic spray nozzle with injection molded ceramic orifice.
- Flat spray pattern with stable distribution having tapered spray pattern edges.
- Tapered spray pattern edges provide uniform spray distribution in multiple-nozzle arrangement.

APPLICATIONS

Washing : Cars, vehicles, containers, films, felts, filters, screens, bottles, gravel, stones, sand, metal parts, steel plates, machines, etc.
 Spraying : Photo-etching, oils, lubricants, liquids, solutions, insecticides, herbicides, etc.
 Water screen : Dust suppression, deodorization, etc.



VP CERTIIM®



① Nozzle (1 Ceramic orifice 2 Body)

| Series | Pipe Conn. Size | Dimensions (mm) | | | Mass (g) |
|-------------|-----------------|-----------------|----|------|----------|
| | | ℓ | h | n | |
| VP CERTIIM® | 1/4M | 26 | 14 | 10.5 | 6 |

STRUCTURE • One-piece structure with one-shot injection molded ceramic orifice

MATERIALS • Body : PVDF (Polyvinylidene fluoride)
 • Spray orifice : Ceramics

| Spray Angle Code | Spray Capacity Code | Pipe Conn. Size | Spray Angle | | | Spray Capacity (ℓ /min) | | | | | | | | | | Mean Drop. Dia. (μm) | Free Pass. Dia. (mm) |
|------------------|---------------------|-----------------|-------------|---------|---------|-------------------------|---------|----------|---------|---------|---------|---------|-------|-------|-----|----------------------|----------------------|
| | | | 0.15 MPa | 0.3 MPa | 0.7 MPa | 0.05 MPa | 0.1 MPa | 0.15 MPa | 0.2 MPa | 0.3 MPa | 0.5 MPa | 0.7 MPa | 1 MPa | 2 MPa | | | |
| 115° | 03 | 1/4M | 101* | 115* | 124* | — | 0.17 | 0.21 | 0.24 | 0.30 | 0.39 | 0.46 | 0.55 | 0.77 | 140 | 0.2 | |
| | 04 | | 102* | 115* | 124* | — | 0.23 | 0.28 | 0.33 | 0.40 | 0.52 | 0.61 | 0.73 | 1.03 | | | |
| | 05 | | 102* | 115* | 124* | — | 0.29 | 0.35 | 0.41 | 0.50 | 0.65 | 0.76 | 0.91 | 1.29 | | | |
| | 07 | | 103* | 115* | 124* | — | 0.40 | 0.49 | 0.57 | 0.70 | 0.90 | 1.07 | 1.28 | 1.81 | | | |
| | 10 | | 103* | 115* | 124* | 0.41 | 0.58 | 0.71 | 0.82 | 1.00 | 1.29 | 1.53 | 1.83 | 2.58 | | | |
| | 15 | | 104* | 115* | 123* | 0.61 | 0.87 | 1.06 | 1.23 | 1.50 | 1.94 | 2.29 | 2.74 | 3.87 | | | |
| | 20 | | 104* | 115* | 123* | 0.82 | 1.15 | 1.41 | 1.63 | 2.00 | 2.58 | 3.06 | 3.65 | 5.16 | | | |
| | 30 | | 105* | 115* | 122* | 1.23 | 1.73 | 2.12 | 2.45 | 3.00 | 3.88 | 4.58 | 5.48 | 7.75 | | | |
| 90° | 03 | 1/4M | 76* | 90* | 100* | — | 0.17 | 0.21 | 0.24 | 0.30 | 0.39 | 0.46 | 0.55 | 0.77 | 150 | 0.2 | |
| | 04 | | 77* | 90* | 100* | — | 0.23 | 0.28 | 0.33 | 0.40 | 0.52 | 0.61 | 0.73 | 1.03 | | | |
| | 05 | | 77* | 90* | 100* | — | 0.29 | 0.35 | 0.41 | 0.50 | 0.65 | 0.76 | 0.91 | 1.29 | | | |
| | 07 | | 78* | 90* | 100* | — | 0.40 | 0.49 | 0.57 | 0.70 | 0.90 | 1.07 | 1.28 | 1.81 | | | |
| | 10 | | 78* | 90* | 99* | 0.41 | 0.58 | 0.71 | 0.82 | 1.00 | 1.29 | 1.53 | 1.83 | 2.58 | | | |
| | 15 | | 79* | 90* | 99* | 0.61 | 0.87 | 1.06 | 1.23 | 1.50 | 1.94 | 2.29 | 2.74 | 3.87 | | | |
| | 20 | | 79* | 90* | 98* | 0.82 | 1.15 | 1.41 | 1.63 | 2.00 | 2.58 | 3.06 | 3.65 | 5.16 | | | |
| | 30 | | 80* | 90* | 97* | 1.23 | 1.73 | 2.12 | 2.45 | 3.00 | 3.88 | 4.58 | 5.48 | 7.75 | | | |
| 80° | 03 | 1/4M | 67* | 80* | 90* | — | 0.17 | 0.21 | 0.24 | 0.30 | 0.39 | 0.46 | 0.55 | 0.77 | 150 | 0.3 | |
| | 04 | | 67* | 80* | 90* | — | 0.23 | 0.28 | 0.33 | 0.40 | 0.52 | 0.61 | 0.73 | 1.03 | | | |
| | 05 | | 67* | 80* | 90* | — | 0.29 | 0.35 | 0.41 | 0.50 | 0.65 | 0.76 | 0.91 | 1.29 | | | |
| | 07 | | 68* | 80* | 89* | — | 0.40 | 0.49 | 0.57 | 0.70 | 0.90 | 1.07 | 1.28 | 1.81 | | | |
| | 10 | | 68* | 80* | 89* | 0.41 | 0.58 | 0.71 | 0.82 | 1.00 | 1.29 | 1.53 | 1.83 | 2.58 | | | |
| | 15 | | 69* | 80* | 88* | 0.61 | 0.87 | 1.06 | 1.23 | 1.50 | 1.94 | 2.29 | 2.74 | 3.87 | | | |
| | 20 | | 69* | 80* | 88* | 0.82 | 1.15 | 1.41 | 1.63 | 2.00 | 2.58 | 3.06 | 3.65 | 5.16 | | | |
| | 30 | | 70* | 80* | 87* | 1.23 | 1.73 | 2.12 | 2.45 | 3.00 | 3.88 | 4.58 | 5.48 | 7.75 | | | |
| 65° | 03 | 1/4M | 52* | 65* | 75* | — | 0.17 | 0.21 | 0.24 | 0.30 | 0.39 | 0.46 | 0.55 | 0.77 | 160 | 0.3 | |
| | 04 | | 52* | 65* | 75* | — | 0.23 | 0.28 | 0.33 | 0.40 | 0.52 | 0.61 | 0.73 | 1.03 | | | |
| | 05 | | 52* | 65* | 74* | — | 0.29 | 0.35 | 0.41 | 0.50 | 0.65 | 0.76 | 0.91 | 1.29 | | | |
| | 07 | | 53* | 65* | 74* | — | 0.40 | 0.49 | 0.57 | 0.70 | 0.90 | 1.07 | 1.28 | 1.81 | | | |
| | 10 | | 54* | 65* | 73* | 0.41 | 0.58 | 0.71 | 0.82 | 1.00 | 1.29 | 1.53 | 1.83 | 2.58 | | | |
| | 15 | | 54* | 65* | 73* | 0.61 | 0.87 | 1.06 | 1.23 | 1.50 | 1.94 | 2.29 | 2.74 | 3.87 | | | |
| | 20 | | 55* | 65* | 72* | 0.82 | 1.15 | 1.41 | 1.63 | 2.00 | 2.58 | 3.06 | 3.65 | 5.16 | | | |
| | 30 | | 56* | 65* | 72* | 1.23 | 1.73 | 2.12 | 2.45 | 3.00 | 3.88 | 4.58 | 5.48 | 7.75 | | | |
| 50° | 03 | 1/4M | 37* | 50* | 60* | — | 0.17 | 0.21 | 0.24 | 0.30 | 0.39 | 0.46 | 0.55 | 0.77 | 180 | 0.3 | |
| | 04 | | 37* | 50* | 60* | — | 0.23 | 0.28 | 0.33 | 0.40 | 0.52 | 0.61 | 0.73 | 1.03 | | | |
| | 05 | | 38* | 50* | 59* | — | 0.29 | 0.35 | 0.41 | 0.50 | 0.65 | 0.76 | 0.91 | 1.29 | | | |
| | 07 | | 38* | 50* | 58* | — | 0.40 | 0.49 | 0.57 | 0.70 | 0.90 | 1.07 | 1.28 | 1.81 | | | |
| | 10 | | 40* | 50* | 58* | 0.41 | 0.58 | 0.71 | 0.82 | 1.00 | 1.29 | 1.53 | 1.83 | 2.58 | | | |
| | 15 | | 40* | 50* | 57* | 0.61 | 0.87 | 1.06 | 1.23 | 1.50 | 1.94 | 2.29 | 2.74 | 3.87 | | | |
| | 20 | | 41* | 50* | 57* | 0.82 | 1.15 | 1.41 | 1.63 | 2.00 | 2.58 | 3.06 | 3.65 | 5.16 | | | |
| | 30 | | 42* | 50* | 56* | 1.23 | 1.73 | 2.12 | 2.45 | 3.00 | 3.88 | 4.58 | 5.48 | 7.75 | | | |

HOW TO ORDER

Please inquire or order for a specific nozzle on this coding system.

| | | | |
|------------------|---------------------|----|-------|
| 1/4MVP | 115 | 03 | TPVDF |
| Spray Angle Code | Spray Capacity Code | | |
| 115° | 03 | | |
| ∫ | ∫ | | |
| 50° | 80 | | |