

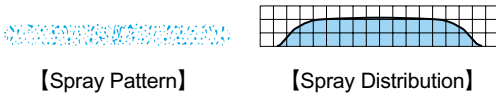


FEATURES

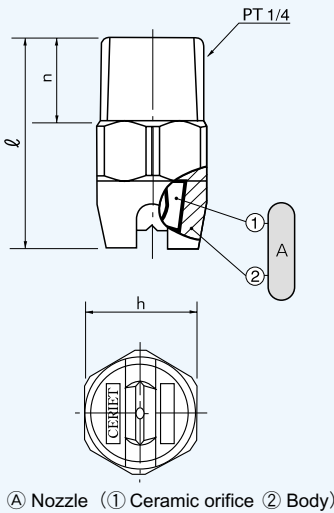
- Highly wear- and chemical-resistant plastic spray nozzle with injection molded ceramic orifice.
- Even flat spray pattern with uniform distribution across the entire spray area.
- Even spray impulse across the entire spray area.

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.



VEP CERTIIM®



Series	Pipe Conn. Size	Dimensions (mm)			Mass (g)
		ℓ	h	n	
VEP 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. (μ.m)	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°	19	1/4M	104°	115°	122°	0.78	1.10	1.34	1.55	1.90	2.45	2.90	3.47	4.91	240	0.5
	23		105°	115°	122°	0.94	1.33	1.63	1.88	2.30	2.97	3.51	4.20	5.94		0.6
	31		105°	115°	122°	1.26	1.79	2.19	2.53	3.10	4.00	4.74	5.66	8.00	0.6	
	36		105°	115°	122°	1.47	2.08	2.55	2.94	3.60	4.65	5.50	6.57	9.30	0.7	
	39		105°	115°	122°	1.59	2.25	2.76	3.18	3.90	5.03	5.96	7.12	10.1	}	0.7
	59		105°	115°	122°	2.40	3.41	4.17	4.82	5.90	7.62	9.01	10.8	15.2		0.9
	78		106°	115°	121°	3.18	4.50	5.52	6.37	7.80	10.1	11.9	14.2	20.1	1.0	
	117		106°	115°	120°	4.78	6.75	8.27	9.55	11.7	15.1	17.8	21.4	30.2	1.2	
157	106°	115°	120°	6.41	9.06	11.1	12.8	15.7	20.3	24.0	28.0	40.5	480	1.4		
90°	19	1/4M	82°	90°	98°	0.78	1.10	1.34	1.55	1.90	2.45	2.90	3.47	4.91	250	0.7
	23		82°	90°	98°	0.94	1.33	1.63	1.88	2.30	2.97	3.51	4.20	5.94		0.7
	31		83°	90°	97°	1.26	1.79	2.19	2.53	3.10	4.00	4.74	5.66	8.00	0.9	
	36		83°	90°	97°	1.47	2.08	2.55	2.94	3.60	4.65	5.50	6.57	9.30	}	1.0
	39		83°	90°	97°	1.59	2.25	2.76	3.18	3.90	5.03	5.96	7.12	10.1		1.0
	59		83°	90°	97°	2.40	3.41	4.17	4.82	5.90	7.62	9.01	10.8	15.2	1.2	
	78		84°	90°	97°	3.18	4.50	5.52	6.37	7.80	10.1	11.9	14.2	20.1	1.4	
	117		84°	90°	96°	4.78	6.75	8.27	9.55	11.7	15.1	17.8	21.4	30.2	1.7	
157	84°	90°	96°	6.41	9.06	11.1	12.8	15.7	20.3	24.0	28.0	40.5	510	2.0		
80°	19	1/4M	72°	80°	84°	0.78	1.10	1.34	1.55	1.90	2.45	2.90	3.47	4.91	260	0.7
	23		72°	80°	84°	0.94	1.33	1.63	1.88	2.30	2.97	3.51	4.20	5.94		0.8
	31		72°	80°	84°	1.26	1.79	2.19	2.53	3.10	4.00	4.74	5.66	8.00	0.9	
	36		72°	80°	84°	1.47	2.08	2.55	2.94	3.60	4.65	5.50	6.57	9.30	}	1.0
	39		73°	80°	84°	1.59	2.25	2.76	3.18	3.90	5.03	5.96	7.12	10.1		1.0
	59		74°	80°	84°	2.40	3.41	4.17	4.82	5.90	7.62	9.01	10.8	15.2	1.3	
	78		74°	80°	84°	3.18	4.50	5.52	6.37	7.80	10.1	11.9	14.2	20.1	1.6	
	117		75°	80°	84°	4.78	6.75	8.27	9.55	11.7	15.1	17.8	21.4	30.2	1.9	
157	76°	80°	84°	6.41	9.06	11.1	12.8	15.7	20.3	24.0	28.0	40.5	520	2.4		
65°	19	1/4M	57°	65°	73°	0.78	1.10	1.34	1.55	1.90	2.45	2.90	3.47	4.91	270	0.8
	23		57°	65°	73°	0.94	1.33	1.63	1.88	2.30	2.97	3.51	4.20	5.94		0.9
	31		57°	65°	73°	1.26	1.79	2.19	2.53	3.10	4.00	4.74	5.66	8.00	1.1	
	36		57°	65°	73°	1.47	2.08	2.55	2.94	3.60	4.65	5.50	6.57	9.30	}	1.2
	39		57°	65°	73°	1.59	2.25	2.76	3.18	3.90	5.03	5.96	7.12	10.1		1.3
	59		58°	65°	72°	2.40	3.41	4.17	4.82	5.90	7.62	9.01	10.8	15.2	1.4	
	78		58°	65°	72°	3.18	4.50	5.52	6.37	7.80	10.1	11.9	14.2	20.1	1.8	
	117		58°	65°	69°	4.78	6.75	8.27	9.55	11.7	15.1	17.8	21.4	30.2	2.3	
157	58°	65°	69°	6.41	9.06	11.1	12.8	15.7	20.3	24.0	28.0	40.5	550	2.7		
50°	19	1/4M	43°	50°	55°	0.78	1.10	1.34	1.55	1.90	2.45	2.90	3.47	4.91	300	0.9
	31		43°	50°	55°	1.26	1.79	2.19	2.53	3.10	4.00	4.74	5.66	8.00		1.2
	36		43°	50°	55°	1.59	2.25	2.76	3.18	3.90	5.03	5.96	7.12	10.1	}	1.4
	39		43°	50°	55°	2.40	3.41	4.17	4.82	5.90	7.62	9.01	10.8	15.2		1.5
	59		43°	50°	55°	3.18	4.50	5.52	6.37	7.80	10.1	11.9	14.2	20.1	2.0	
	78		43°	50°	54°	4.78	6.75	8.27	9.55	11.7	15.1	17.8	21.4	30.2	2.4	
	117		43°	50°	54°	6.41	9.06	11.1	12.8	15.7	20.3	24.0	28.0	40.5	600	2.9
	157		43°	50°	54°	6.41	9.06	11.1	12.8	15.7	20.3	24.0	28.0	40.5	600	2.9
40°	23	1/4M	31°	40°	46°	0.94	1.33	1.63	1.88	2.30	2.97	3.51	4.20	5.94	340	1.1
	36		32°	40°	45°	1.47	2.08	2.55	2.94	3.60	4.65	5.50	6.57	9.30		1.4
	59		32°	40°	45°	2.40	3.41	4.17	4.82	5.90	7.62	9.01	10.8	15.2	}	1.8
	78		33°	40°	45°	3.18	4.50	5.52	6.37	7.80	10.1	11.9	14.2	20.1		2.1
	117		33°	40°	44°	4.78	6.75	8.27	9.55	11.7	15.1	17.8	21.4	30.2	2.6	
	157		33°	40°	44°	6.41	9.06	11.1	12.8	15.7	20.3	24.0	28.0	40.5	670	3.0
25°	19	1/4M	18°	25°	32°	0.78	1.10	1.34	1.55	1.90	2.45	2.90	3.47	4.91	390	1.1
	31		19°	25°	32°	1.26	1.79	2.19	2.53	3.10	4.00	4.74	5.66	6.00		1.4
	36		20°	25°	32°	1.59	2.25	2.76	3.18	3.90	5.03	5.96	7.12	10.1	}	1.5
	39		21°	25°	32°	2.40	3.41	4.17	4.82	5.90	7.62	9.01	10.8	15.2		1.9
	59		21°	25°	32°	3.18	4.50	5.52	6.37	7.80	10.1	11.9	14.2	20.1	2.3	
	78		21°	25°	32°	4.78	6.75	8.27	9.55	11.7	15.1	17.8	21.4	30.2	2.7	
117	21°	25°	32°	6.41	9.06	11.1	12.8	15.7	20.3	24.0	28.0	40.5	800	3.4		
15°	23	1/4M	10°	15°	19°	0.94	1.33	1.63	1.88	2.30	2.97	3.51	4.20	5.94	460	1.3
	36		10°	15°	19°	1.47	2.08	2.55	2.94	3.60	4.65	5.50	6.57	9.30		1.6
	59		10°	15°	19°	2.40	3.41	4.17	4.82	5.90	7.62	9.01	10.8	15.2	}	2.0
	78		10°	15°	19°	3.18	4.50	5.52	6.37	7.80	10.1	11.9	14.2	20.1		2.4
	117		10°	15°	19°	4.78	6.75	8.27	9.55	11.7	15.1	17.8	21.4	30.2	3.0	
	157		10°	15°	19°	6.41	9.06	11.1	12.8	15.7	20.3	24.0	28.0	40.5	950	3.5

HOW TO ORDER

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

1/4M	VEP	115	19	TP	VEP
Spray Angle Code		Spray Capacity Code			
115°		19			
∅		∅			
15°		157			