

**20570 CLIP-EYELET NOZZLE ASSEMBLY**

- Snap-on pipe connection with Clip-Eyelet ball-type spray tips
- Ball-type tips allow quick and accurate adjustment of spray direction without disturbing pipe connection
- Use with 1", 1-1/4", 1-1/2" or 2" pipe
- Inlet sizes for 9/16" (14.5 mm) or 21/32" (17 mm) dia. drill holes; retrofit seals are available for 27/32" (21 mm) dia. drill holes
- Chemical- and corrosion-resistant material withstands high temperatures
- Spring-grade stainless steel single- and double-clamp versions

- Optional threaded ball for use with conventional nozzles
- Optional blank spray tip to stop the liquid flow
- Ideal for cleaning, coating and rinsing



Clip-Eyelet assemblies with Clip-Eyelet ball-type spray tips

See pages 11 to 12 for performance data.

**SPECIFICATIONS**

Body Assemblies	Double-Clamp Body	Single-Clamp Body	Threaded Ball for Standard Nozzles	Cap Seal	Retrofit Seal	Blank Tip
To fit 9/16" (14.5 mm) or 21/32" (17 mm) dia. drilled inlet openings	For pressures to 150 psi (10.3 bar)	For pressures to 60 psi (4 bar)	For nozzles with 1/4" male connection CP20582-1/4-PPB (NPT) CPB20582-1/4-PPB (BSPT)	CP7717-2/121-EPR	For headers with 27/32" (21 mm) dia. holes CP20580-BU SEAL, BUNA-N CP20580-VI SEAL, Viton	CT PLUG – PP
			For nozzles with 3/8" male connection CP20582-3/8-PPB (NPT) CPB20582-3/8-PPB (BSPT)	CP7717-2/121-VI, Viton®		

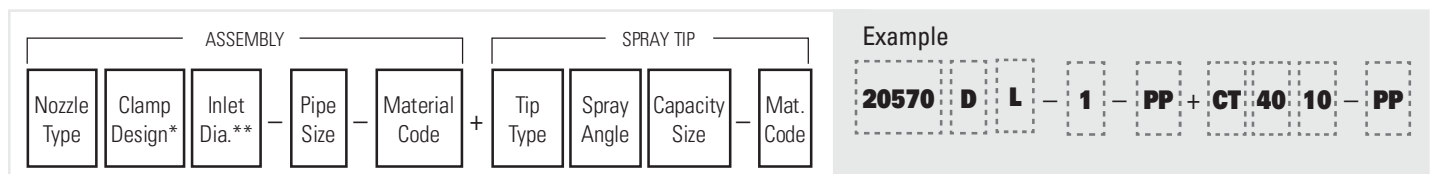
**DIMENSIONS & WEIGHTS**

20570 	Clip-Eyelet Assembly No.	Color-Coded Body	Color-Coded Cap	To Clamp On	Dimensions			Net Weight
					A	B	C	
	20570__-1-PP	Medium Gray	Light Gray	1" pipe	1-3/4" (44 mm)	2-7/8" (73 mm)	1-7/8" (48 mm)	2.7 oz. (.08 kg)
	20570__-1-1/4-PP	Medium Gray	Light Gray	1-1/4" pipe	1-7/8" (48 mm)	3-1/16" (78 mm)	1-7/8" (48 mm)	2.7 oz. (.08 kg)
	20570__-1-1/2-PPB	Black	Light Gray	1-1/2" pipe	2" (51 mm)	3-3/16" (81 mm)	1-7/8" (48 mm)	3.2 oz. (.09 kg)
	20570__-2-PPB	Black	Light Gray	2" pipe	2-3/8" (60 mm)	3-7/16" (87 mm)	1-15/16" (49 mm)	3.2 oz. (.09 kg)

Based on largest/heaviest version of each type.

**ORDERING INFORMATION**

**CLIP-EYELET NOZZLE ASSEMBLY AND SPRAY TIP**



\*Clamp Design — (no designation) indicates Single Clamp; **D** indicates Double Clamp \*\*Inlet Dia.— (no designation) indicates 9/16" (14.5 mm) dia.; **L** indicates 21/32" (17 mm) dia.

# CLIP-EYELET® BALL-TYPE STANDARD ANGLE AND EXTRA WIDE FLOODING FLAT SPRAY

## SPRAY TIPS

### CLIP-EYELET BALL-TYPE SPRAYTIPS STANDARD ANGLE FLAT SPRAY



### CLIP-EYELET BALL-TYPE FLOODING SPRAYTIPS EXTRA WIDE ANGLE FLAT SPRAY



### PERFORMANCE DATA: STANDARD ANGLE

Spray Angle at 40 psi (3 bar)						Capacity Size	Spray Tip Color	Capacity – gallons per minute (liters per minute)									
15°	25°	40°	50°	65°	80°			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)	125 psi (8 bar)	150 psi (10 bar)
				•	•	10	Beige	.35 (1.2)	.50 (2.3)	.71 (3.2)	.86 (3.9)	1.0 (4.6)	1.2 (5.1)	1.4 (5.6)	1.6 (6.0)	1.8 (6.4)	1.9 (7.2)
		•	•	•		20	Light Blue	.71 (2.5)	1.0 (4.6)	1.4 (6.5)	1.7 (7.9)	2.0 (9.1)	2.5 (10.2)	2.8 (11.2)	3.2 (12.1)	3.5 (12.9)	3.9 (14.4)
	•	•	•	•		30	Orange	1.1 (3.7)	1.5 (6.8)	2.1 (9.7)	2.6 (11.8)	3.0 (13.7)	3.7 (15.3)	4.2 (16.8)	4.7 (18.1)	5.3 (19.3)	5.8 (22)
		•	•	•	•	40	Green	1.4 (5.0)	2.0 (9.1)	2.8 (12.9)	3.5 (15.8)	4.0 (18.2)	4.9 (20)	5.7 (22)	6.3 (24)	7.1 (26)	7.7 (29)
•		•	•	•		50	Yellow	1.8 (6.2)	2.5 (11.4)	3.5 (16.1)	4.3 (19.7)	5.0 (23)	6.1 (25)	7.1 (28)	7.9 (30)	8.8 (32)	9.7 (36)
	•	•	•	•	•	60	Blue	2.1 (7.5)	3.0 (13.7)	4.2 (19.3)	5.2 (24)	6.0 (27)	7.3 (31)	8.5 (34)	9.5 (36)	10.6 (39)	11.6 (43)
•	•	•	•	•	•	70	Red	2.5 (8.7)	3.5 (16.0)	4.9 (23)	6.1 (28)	7.0 (32)	8.6 (36)	9.9 (39)	11.1 (42)	12.4 (45)	13.6 (50)
•	•	•	•	•	•	100	Brown	3.5 (12.5)	5.0 (23)	7.1 (32)	8.6 (39)	10.0 (46)	12.2 (51)	14.1 (56)	15.8 (60)	17.7 (64)	19.4 (72)

### PERFORMANCE DATA: EXTRA WIDE ANGLE

Capacity Size	Spray Tip Color	Equiv. Orifice Dia. in. (mm)	Capacity – gallons per minute (liters per minute)										Spray Angle		
			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)	125 psi (8 bar)	150 psi (10 bar)	7 psi (0.5 bar)	20 psi (2 bar)	60 psi (4 bar)
5	Gray	0.078 (2.0)	0.35 (1.2)	0.5 (2.3)	0.71 (3.2)	0.87 (3.9)	1.0 (4.6)	1.2 (5.1)	1.4 (5.6)	1.6 (6.1)	1.8 (6.5)	1.9 (7.3)	124°	143°	156°
10	White	0.105 (2.7)	0.71 (2.5)	1.0 (4.6)	1.4 (6.4)	1.7 (7.9)	2.0 (9.1)	2.4 (10.2)	2.8 (11.2)	3.2 (12)	3.5 (12.9)	3.9 (14.4)	150°	162°	174°
18	Light Blue	0.140 (3.6)	1.3 (4.5)	1.8 (8.2)	2.5 (11.6)	3.1 (14.2)	3.6 (16.4)	4.4 (18.3)	5.1 (20)	5.7 (22)	5.7 (23)	7.0 (26)	152°	162°	174°
24	Purple	0.162 (4.1)	1.7 (6)	2.4 (10.9)	3.4 (15.5)	4.2 (19)	4.8 (22)	5.9 (24)	6.8 (27)	7.6 (29)	7.6 (31)	9.3 (35)	136°	147°	156°
30	Orange	0.181 (4.6)	2.1 (7.5)	3.0 (13.7)	4.2 (19.3)	5.2 (24)	6.0 (27)	7.3 (31)	8.5 (34)	9.5 (36)	9.5 (39)	11.6 (43)	149°	169°	178°
40	Green	0.209 (5.3)	2.8 (10)	4.0 (18.2)	5.7 (26)	6.9 (32)	8.0 (36)	9.8 (41)	11.3 (45)	12.7 (48)	12.7 (52)	15.5 (58)	155°	168°	174°



**CLIP-EYELET BALL-TYPE SPRAY TIPS STANDARD ANGLE HOLLOW CONE SPRAY**



**CA15-30.1**

4.5 gpm (17.6 l/min)



**CA25-30.1**

5.4 gpm (21.4 l/min)



**CA50-50.1**

9.9 gpm (39.2 l/min)



**CA50-50.3**

9.8 gpm (38.7 l/min)

Capacities at 40 psi (3 bar).

**PERFORMANCE DATA: STANDARD ANGLE**

Capacity Size	Capacity – gallons per minute (liters per minute)										Spray Angle at 40 psi (3 bar)		
	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)	125 psi (8 bar)	150 psi (10 bar)	7 psi (0.5 bar)	20 psi (2 bar)	60 psi (5 bar)
15-30.1	1.6 (5.8)	2.3 (10.4)	3.2 (14.5)	3.9 (17.6)	4.5 (20.2)	5.4 (22.5)	6.3 (24.5)	7.0 (26.4)	7.8 (28.2)	8.6 (31.3)	46°	49°	51°
25-30.1	2.0 (7.1)	2.8 (12.7)	3.9 (17.6)	4.7 (21.4)	5.4 (24.6)	6.6 (27.3)	7.6 (29.8)	8.4 (32.1)	9.4 (34.2)	10.2 (38.0)	45°	47°	50°
50-50.1	3.5 (12.5)	5.0 (22.7)	7.0 (32.0)	8.6 (39.2)	9.9 (45.2)	12.1 (50.5)	14.0 (55.3)	15.7 (59.7)	17.5 (63.8)	19.2 (71.3)	38°	46°	48°
50-50.3	3.5 (12.7)	5.0 (22.7)	7.1 (31.8)	8.5 (38.7)	9.8 (44.4)	11.9 (49.5)	13.8 (54.1)	15.4 (58.3)	17.2 (62.2)	18.8 (69.3)	75°	75°	76°

Viton® is a registered trademark of DuPont Performance Elastomers.



**Spraying Systems Co.®**  
Experts in Spray Technology

North Avenue and Schmale Road, P.O. Box 7900, Wheaton, IL 60187-7901 USA

Tel: 1.800.95.SPRAY Intl. Tel: 1.630.665.5000

Fax: 1.888.95.SPRAY Intl. Fax: 1.630.260.0842

www.spray.com



Bulletin No. 513D ©Spraying Systems Co. 2013