

SweTip



Standard Premium Part. No 4189 xxx

Fine Finish Part. No 4179 xxx

Tested and approved in several manufacturs for its good quality in spray pattern and production time.

SweTip Base Unit, 350 bar

4189-559	7/8" × 14 UNF, Graco, Titan
4189-560	1 1/16" × 16, Wagner, Wiva
4189-561*	M18 × 1.5, Iwata
4189-562*	M18 × 1.0, Böllhof, Dete
4189-563*	3/8", Kremlin, DeVi

*Adapter needed



Equivalent Orifice Size		Spray angels degrees and pattern width in inches at 30 cm									Flow rate (water at 100 Bar/1500 psi)	
Inch	mm	10° 5-10 cm	20° 10-15 cm	30° 15-20 cm	40° 20-25 cm	50° 25-30 cm	60° 30-35 cm	70° 35-40 cm	80° 40-45 cm	90° 45-50 cm	L/min	G/min
0,006	0,15	●	●	●	●	●					0,14	0,040
0,007	0,18	●●	●●	●●	●●	●					0,18	0,04
0,008	0,20	●●	●●	●●	●●	●	●				0,22	0,060
0,009	0,23	●●	●●	●●	●●	●●	●●				0,25	0,066
0,010	0,25	●	●●	●●	●●	●●	●	●	●		0,33	0,090
0,011	0,28	●	●●	●●	●●	●●	●●	●●	●		0,37	0,10
0,012	0,30	●	●●	●●	●●	●●	●●	●●	●	●	0,47	0,13
0,013	0,33	●	●●	●●	●●	●●	●●	●●	●●	●	0,57	0,15
0,014	0,35	●	●●	●●	●●	●●	●●	●●	●●	●	0,65	0,18
0,015	0,38	●	●●	●●	●●	●●	●●	●●	●●	●●	0,72	0,19
0,016	0,40	●	●●	●●	●●	●●	●●	●●	●●	●●	0,91	0,24
0,017	0,43	●	●●	●●	●●	●●	●●	●●	●●	●●	0,98	0,26
0,018	0,45	●	●●	●●	●●	●●	●●	●●	●●	●●	1,10	0,29
0,019	0,48	●	●●	●●	●●	●●	●●	●●	●●	●●	1,30	0,34
0,020	0,50	●	●●	●●	●●	●●	●●	●●	●●	●●	1,40	0,37
0,021	0,53	●	●●	●●	●●	●●	●●	●●	●●	●●	1,52	0,40
0,022	0,55	●	●●	●●	●●	●●	●●	●●	●●	●●	1,65	0,45
0,023	0,58		●	●●	●●	●●	●●	●●	●●	●	1,83	0,48
0,024	0,60		●	●●	●●	●●	●●	●●	●●	●	1,95	0,54
0,025	0,63		●	●	●	●	●	●	●	●	2,13	0,56
0,027	0,68		●	●	●	●	●	●	●	●	2,50	0,66
0,029	0,73		●	●	●	●	●	●	●	●	2,95	0,78
0,031	0,78		●	●	●	●	●	●	●	●	3,42	0,90
0,033	0,84		●	●	●	●	●	●	●	●	3,80	1,00
0,035	0,89		●	●	●	●	●	●	●	●	4,30	1,14
0,037	0,94			●	●	●	●	●	●	●	5,10	1,34
0,039	0,99			●	●	●	●	●	●	●	5,50	1,45
0,041	1,04			●	●	●	●	●	●	●	6,15	1,62
0,043	0,09			●	●	●	●	●	●	●	6,80	1,79
0,045	1,14				●	●	●	●	●	●	7,40	1,95
0,047	1,19				●	●	●	●	●	●	7,94	2,09
0,049	1,24				●	●	●	●	●	●	8,50	2,25
0,051	1,29				●	●	●	●	●	●	9,10	2,40
0,053	1,35				●	●	●	●	●	●	9,80	2,60
0,055	1,40				●	●	●	●			11,00	2,90
0,057	1,45				●	●	●	●			11,80	3,10
0,059	1,50				●	●	●	●			12,50	3,30
0,061	1,55				●	●	●	●			13,70	3,60

Spray tip programme Airless Reversible tips

- Standard Premium
- Fine Finish

Ordering example

A customer request a SweTip with a flow rate of 0,98 L/min at 100 Bar and a spray pattern of 40–45 cm at 30 cm. The spray tip programme tabel gives us the following tip size:

- 1 – For a pattern width of 40–45 cm, the angel is 80° (coded "8")
- 2 – Equivalent orifice size 0,17 inch (coded "33")
- 3 – The complete reference part number is therefore Part. no 4189 817

Conversion factors

Voume		
From	To	Multiply by
Liter	Gallon	0,2642
Gallon	Liter	3,785

Flow		
From	To	Multiply by
Liter/min	Gallon/min	0,2642
Gallon/min	Liter/min	3,785

Length		
From	To	Multiply by
Inch	Centimeter	2,54
Inch	Millimeter	25,4
Millimeter	Inch	0,0394
Centimeter	Inch	0,3937