

Large flow carbide silicone spray nozzles

DESIGN FEATURES

Large carbide silicone spray nozzle, with its spray pattern is hollow cone-shaped can spray an annular area, it has two series of different spray angles, its standard angle is between 70°-90° the whole spray nozzle is made of carborundum together with carborundum material, it can be applied under worse working condition, and can also produce uniform spray distribution of medium and larger sizes drops under high pressure in a large-scale area, the large flux carborundum spray nozzle can be made into 4 different sizes: 2", 3", 4", 6". It can avoid clogging on the whole with its large and easy flow passages.



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PERFORMANCE DATA

Flange inlet	Capacity size	inlet Dia Nom. size (mm)	Rated orific Dia(mm)	Capacity (liters per minute)									Spray angle			
				0.2Bar	0.5Bar	1Bar	1.5Bar	2Bar	3Bar	4Bar	5Bar	6Bar	7Bar	0.5Bar	1.5Bar	4Bar
2	30-40°	36.5	23.8	73	116	163	200	230	285	325	365	400	430	70°	85°	90°
	35-45°		27.0	85	135	191	235	270	330	380	425	465	500	70°	85°	90°
	40-45°		30.2	97	154	220	265	310	375	435	490	530	580	70°	85°	90°
	45-45°		32.1	110	173	245	300	345	425	490	550	600	650	70°	85°	90°
	50-45°		34.9	122	193	270	335	385	470	540	610	670	720	70°	85°	90°
	55-45°		36.9	134	210	300	365	425	520	600	670	730	790	70°	85°	90°
3	70	57.2	34.9	171	270	380	465	540	660	760	850	930	1010	70°	85°	90°
	85		40.1	205	325	465	570	650	800	930	1040	1130	1230	70°	85°	90°
	100		44.5	245	385	540	670	770	940	1090	1220	1330	1440	70°	85°	90°
	120		52.4	290	460	650	800	920	1130	1310	1460	1600	1730	70°	85°	90°
	140		58.7	340	540	760	930	1080	1320	1530	1710	1870	2020	70°	85°	90°
	55-45°		34.9	171	270	380	465	540	660	760	850	930	1010	70°	85°	90°
	85-45°		40.1	205	325	465	570	650	800	930	1040	1130	1230	70°	85°	90°
	100-45°		44.5	245	385	540	670	770	940	1090	1220	1330	1440	70°	85°	90°
	120-45°		51.2	290	460	650	800	920	1130	1310	1460	1600	1730	70°	85°	90°
	140-45°		58.7	340	540	760	930	1080	1320	1530	1710	1870	2020	70°	85°	90°
4	150	79.4	50.8	365	580	820	1000	1160	1420	1630	1830	2000	2160	70°	85°	90°
	175		59.1	425	670	950	1170	1350	1650	1910	2130	2340	2520	70°	85°	90°
	200		68.3	485	770	1090	1330	1540	1890	2180	2440	2670	2880	70°	85°	90°
	225		74.6	550	870	1230	1500	1730	2120	2450	2740	3000	3240	70°	85°	90°
	250		82.6	610	960	1360	1670	1930	2360	2720	3050	3340	3600	70°	85°	90°
	275		92.1	670	1060	1500	1840	2120	2600	3000	3350	3670	3960	70°	85°	90°
	150-45°		50.8	365	580	820	1000	1160	1420	1630	1830	2000	2160	70°	85°	90°
	175-45°		59.1	425	670	950	1170	1350	1650	1910	2130	2340	2520	70°	85°	90°
	200-45°		68.3	485	770	1090	1330	1540	1890	2180	2440	2670	2880	70°	85°	90°
	225-45°		74.6	550	870	1230	1500	1730	2120	2450	2740	3000	3240	70°	85°	90°
6	250-45°	82.6	610	960	1360	1670	1930	2360	2720	3050	3340	3600	70°	85°	90°	
	250	62.3	610	960	1360	1670	1930	2360	2720	3050	3340	3600	70°	85°	90°	
	300	69.9	730	1160	1630	2000	2310	2830	3270	3650	4000	4320	70°	85°	90°	
	350	76.2	850	1350	1910	2340	2700	3300	3810	4260	4670	5050	70°	85°	90°	
	400	82.6	970	1540	2180	2670	3080	3770	4360	4870	5340	5770	70°	85°	90°	
	450	88.1	1100	1730	2450	3000	3470	4250	4900	5480	6010	6490	70°	85°	90°	
	500	97.2	1220	1930	2720	3340	3850	4720	5450	6090	6670	7210	70°	85°	90°	
	550	108	1340	2120	3000	3670	4240	5190	5990	6700	7340	7930	70°	85°	90°	
	620	130	1520	2410	3410	4170	4520	5900	6810	7610	8340	9010	70°	85°	90°	
	440-65°	88.1	1070	1700	2400	2940	3390	4150	4790	5360	5870	6340	70°	85°	90°	
550-65°	108	1340	2120	3000	3670	4240	5190	5990	6700	7340	7930	70°	85°	90°		
625-65°	130	1520	2410	3410	4170	4820	5900	6810	7610	8340	9010	70°	85°	90°		

N-Sic material performance data

Temperature	Heat transfer parameter	multi-gap rate	Heat expansion parameter	flexural strength	Mohs's scale of hardness	Acid corrosion
<1400°	45W/m.k	<0.1%	4.5K ⁻¹ ·10 ⁻⁶	600mpa	>13	Excellent

ORDERING INFORMATION

