

RDS Size Selection Chart - Common Sizes

Wire Size (or equivalent)			Wet Film Thickness		Dry Coat Weight						Availability			
					25% Solids		50% Solids		100% Solids		Wire Wound	Formed	Double Wound	Gapped
No.	Inch	mm	Mils	Microns	GSM	#/3000	GSM	#/3000	GSM	#/3000				
2	0.002	0.05	0.18	4.57	1.14	0.70	2.29	1.40	4.57	2.81	•	•		
3	0.003	0.08	0.27	6.86	1.71	1.05	3.43	2.11	6.86	4.21	•	•		
4	0.004	0.10	0.36	9.14	2.29	1.40	4.57	2.81	9.14	5.62	•	•		
5	0.005	0.13	0.45	11.43	2.86	1.76	5.72	3.51	11.43	7.02	•	•		
6	0.006	0.15	0.54	13.72	3.43	2.11	6.86	4.21	13.72	8.43	•	•		
7	0.007	0.18	0.63	16.00	4.00	2.46	8.00	4.92	16.00	9.83	•	•		
8	0.008	0.20	0.72	18.29	4.57	2.81	9.14	5.62	18.29	11.24	•	•		
9	0.009	0.23	0.81	20.57	5.14	3.16	10.29	6.32	20.57	12.64	•	•		
10	0.010	0.25	0.90	22.86	5.72	3.51	11.43	7.02	22.86	14.05	•	•	•	
11	0.011	0.28	0.99	25.15	6.29	3.86	12.57	7.73	25.15	15.45	•	•	•	
12	0.012	0.30	1.08	27.43	6.86	4.21	13.72	8.43	27.43	16.86	•	•	•	
13	0.013	0.33	1.17	29.72	7.43	4.57	14.86	9.13	29.72	18.26	•	•	•	
14	0.014	0.36	1.26	32.00	8.00	4.92	16.00	9.83	32.00	19.67	•	•	•	
15	0.015	0.38	1.35	34.29	8.57	5.27	17.15	10.54	34.29	21.07	•	•	•	
16	0.016	0.41	1.44	36.58	9.14	5.62	18.29	11.24	36.58	22.48	•	•	•	
17	0.017	0.43	1.53	38.86	9.72	5.97	19.43	11.94	38.86	23.88	•	•	•	
18	0.018	0.46	1.62	41.15	10.29	6.32	20.57	12.64	41.15	25.29	•	•	•	
19	0.019	0.48	1.71	43.43	10.86	6.67	21.72	13.35	43.43	26.69	•	•	•	
20	0.020	0.51	1.80	45.72	11.43	7.02	22.86	14.05	45.72	28.10	•	•	•	
21	0.021	0.53	1.89	48.01	12.00	7.38	24.00	14.75	48.01	29.50	•	•	•	
22	0.022	0.56	1.98	50.29	12.57	7.73	25.15	15.45	50.29	30.91	•	•	•	
23	0.023	0.58	2.07	52.58	13.14	8.08	26.29	16.16	52.58	32.31	•	•	•	
24	0.024	0.61	2.16	54.86	13.72	8.43	27.43	16.86	54.86	33.72	•	•	•	
25	0.025	0.64	2.25	57.15	14.29	8.78	28.58	17.56	57.15	35.12	•	•	•	
26	0.026	0.66	2.34	59.44	14.86	9.13	29.72	18.26	59.44	36.53	•	•	•	
27	0.027	0.69	2.43	61.72	15.43	9.48	30.86	18.97	61.72	37.93	•	•	•	
28	0.028	0.71	2.52	64.01	16.00	9.83	32.00	19.67	64.01	39.34	•	•	•	
29	0.029	0.74	2.61	66.29	16.57	10.19	33.15	20.37	66.29	40.74	•	•	•	
30	0.030	0.76	2.70	68.58	17.15	10.54	34.29	21.07	68.58	42.15	•	•	•	•
31	0.031	0.79	2.79	70.87	17.72	10.89	35.43	21.78	70.87	43.55	•	•	•	•
32	0.032	0.81	2.88	73.15	18.29	11.24	36.58	22.48	73.15	44.96	•	•	•	•
33	0.033	0.84	2.97	75.44	18.86	11.59	37.72	23.18	75.44	46.36	•	•	•	•
34	0.034	0.86	3.06	77.72	19.43	11.94	38.86	23.88	77.72	47.77	•	•	•	•
35	0.035	0.89	3.15	80.01	20.00	12.29	40.01	24.59	80.01	49.17	•	•	•	•
36	0.036	0.91	3.24	82.30	20.57	12.64	41.15	25.29	82.30	50.58	•	•	•	•
37	0.037	0.94	3.33	84.58	21.15	13.00	42.29	25.99	84.58	51.98	•	•	•	•
38	0.038	0.97	3.42	86.87	21.72	13.35	43.43	26.69	86.87	53.39	•	•	•	•
39	0.039	0.99	3.51	89.15	22.29	13.70	44.58	27.40	89.15	54.79	•	•	•	•
40	0.040	1.02	3.60	91.44	22.86	14.05	45.72	28.10	91.44	56.20	•	•	•	•
42	0.042	1.07	3.78	96.01	24.00	14.75	48.01	29.50	96.01	59.01	•	•	•	•
44	0.044	1.12	3.96	100.58	25.15	15.45	50.29	30.91	100.58	61.82	•	•	•	•
45	0.045	1.14	4.05	102.87	25.72	15.81	51.44	31.61	102.87	63.22	•	•	•	•
46	0.046	1.17	4.14	105.16	26.29	16.16	52.58	32.31	105.16	64.63	•	•	•	•
48	0.048	1.22	4.32	109.73	27.43	16.86	54.86	33.72	109.73	67.44	•	•	•	•
50	0.050	1.27	4.50	114.30	28.58	17.56	57.15	35.12	114.30	70.25	•	•	•	•
55	0.055	1.40	4.95	125.73	31.43	19.32	62.87	38.63	125.73	77.27	•	•	•	•
60	0.060	1.52	5.40	137.16	34.29	21.07	68.58	42.15	137.16	84.29	•	•	•	•
65	0.065	1.65	5.85	148.59	37.15	22.83	74.30	45.66	148.59	91.32	•	•	•	•
70	0.070	1.78	6.30	160.02	40.01	24.59	80.01	49.17	160.02	98.34	•	•	•	•
75	0.075	1.91	6.75	171.45	42.86	26.34	85.73	52.68	171.45	105.37	•	•	•	•
80	0.080	2.03	7.20	182.88	45.72	28.10	91.44	56.20	182.88	112.39	•	•	•	•
85	0.085	2.16	7.65	194.31	48.58	29.85	97.16	59.71	194.31	119.42	•	•	•	•
90	0.090	2.29	8.10	205.74	51.44	31.61	102.87	63.22	205.74	126.44	•	•	•	•
95	0.095	2.41	8.55	217.17	54.29	33.37	108.59	66.73	217.17	133.47	•	•	•	•

See complete listing for other sizes available

Actual transfer rates are affected by coating rheology and other variables.

Actual transfer rates can vary between rod types (configurations).

Dry coat weight calculations assume a coating density of 1.0 g/cm³

GSM = Grams per square Meter

#/3000 = Lbs per 3000 square feet