

SEMUA SPRAY TIP



Semua RT Tip

Semua airless spray RT & HT tips are best suitable component to the successful operation of an airless spray system. The spray pattern, control the flow, atomize the coating and ultimately manage how hard it must work. A proper understanding of airless tips is critical to the success of any airless application.

When beginning a project, choosing the right tip size and fan width will determine both coating consumption and production time. The spray pattern chart demonstrates what happens as a tip wears. As wear occurs, the pattern size decreases and the size increases. There is no standard rate of tip wear due to the variation of the abrasiveness of all coatings.

Spray Tip Application Guide

- Identify the surface you will be spraying
- Choose your coating
- Determine your spray pattern width (spraying 12in(30.5cm) from the surface)
- Follow chart to find the right tip



Semua HT Tip

Tip Description

Maximum pressure RT Tip:
5000 Psi (34.5 Mpa, 345 Bar)

Maximum pressure HT Tip:
7250 Psi (50.0 Mpa, 500 Bar)

IN	(mm)	.007	.009	.011	.013	.015	.017	.019	.021	.023	.025	.027	.029	.031	.033	.035	.037	.039	.041	.043	.045	.051	.055	.061	.065	.071	
2-4	(51-102)		109	111		115																					
4-6	(102-152)	207	209	211	213	215	217	219	221		225	227		231		235											
6-8	(152-203)		309	311	313	315	317	319	321	323	325	327	329	331		335											
8-10	(203-254)		409	411	413	415	417	419	421	423	425	427	429	431	433	435		439	441	443	445	451	455				
10-12	(254-305)		509	511	513	515	517	519	521	523	525	527	529	531	533	535	537	539	541	543	545	551	555	561			
12-14	(305-356)			611	613	615	617	619	621	623	625	627	629	631	633	635	637	639	641	643	645	651	655	661	665	671	
14-16	(356-406)								721	723			729		735												
16-18	(406-XXX)						817	819	821			827		831	833	835											
Flow Rate (gpm)		.05	.09	.12	.18	.24	.31	.38	.47	.57	.67	.77	.90	1.03	1.17	1.31	1.47	1.63	1.8	1.98	2.17	2.79	3.25	4.0	4.53	5.41	
Flow Rate (lpm)		.20	.33	.49	.69	.91	1.17	1.47	1.79	2.15	2.54	2.96	3.42	3.90	4.42	4.98	5.56	6.18	6.83	7.51	8.23	10.57	12.29	15.12	17.17	20.48	

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ABRADANT INTERNATIONAL | Dubai Investment Park 2 | Dubai | UAE
Tel : +971-488-76357 | Email : sales@abr-intl.com | www.abr-intl.com