



AIRLESS TIP

INDUSTRIAL SPRAY NOZZLES
AIRLESS - BROCHURE

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FEATURES

Turnaflex Carbide Tips are specifically designed and tested for all airless paint spraying applications.

- Design and manufacturing techniques used on the Turnaflex Airless Tips are based specifically on the industry's need for high performance standards using viscous materials etc.
- Carbide Tips are being used on all types of airless equipment and applications. Continued research assures all users of quality unsurpassed in the industry.
- The Carbide Tip material selected for use is the highest quality, wear resistant material now available.
- Every Airless Tip is checked to ensure calibration, and all other design features are achieved on every Tip before leaving the factory

SELECTION GUIDE

Airless Tip orifices are elliptical in shape. The term "equivalent orifice diameter" refers to a circular orifice diameter which will provide the same flow rates as the elliptical orifice. The equivalent orifice diameter does not indicate the actual orifice dimensions.

- *The flow rates of Turnaflex Airless Tips are given in US GPM based on water at the pressures shown. Capacities would vary to some degree on other liquids.
- The pattern width dimension is the nominal pattern width of each Airless Tip when tested on a coating material of 20 seconds - #4 Zahn cup viscosity at 1500 PSI at a distance of 12" from the Tip. Maximum design pressure is 500 Bar.G.

CAPACITY CHART

TIP NUMBER	EQUIV. ORIF. (InTFhes)	PATTERN WIDTH (InTFhes)	FLOW RATE IN US GPM AT PSIG PRESSURE				PRE- ORIFITFE DISTF NO.
			500	1000	1500	2000	
TF515	0,005	3	0,015	0,02	0,025	0,03	
TF525		5					
TF540		7					9
TF715	0,007	3	0,03	0,04	0,05	0,06	9
TF725		5					
TF735		6					
TF740		7					
TF915	0,009	3	0,04	0,06	0,067	0,08	9
TF925		5.5					
TF940		7					
TF950		8.5					
TF965		10					
TF1115	0,011	3	0,06	0,08	0,10	0,12	11
TF1125		5.5					
TF1140		7					OR
TF1150		8.5					
TF1165		10					13
TF1180		11.5					
TF1315	0,013	3	0,09	0,12	0,15	0,18	16
TF1325		5.5					
TF1340		8					
TF1350		9					
TF1365		11					
TF1380		13					
TF1395		14					
TF1515	0,15	4	0,12	0,16	0,20	0,23	16
TF1525		6					
TF1540		8					
TF1550		10					
TF1565		12					
TF1580		14					
TF1595		15.5					
TF1615	0,016	4	0,14	0,19	0,24	0,28	
TF1625		6					
TF1640		8					
TF1650		10					
TF1665		12					
TF1673		14					
TF1680		15					
TF1695		17					

CAPACITY CHART

TIP NUMBER	EQUIV. ORIF. (InTFhes)	PATTERN WIDTH (InTFhes)	FLOW RATE IN US GPM AT PSIG PRESSURE				PRE- ORIFITFE DISTF NO.
			500	1000	1500	2000	
TF1825	0,018	6	0,18	0,25	0,30	0,36	
TF1840		8.5					
TF1850		10					
TF1865		13					
TF1880		15					
TF1895		17					
TF2025	0,020	6	0,20	0,28	0,35	0,40	
TF2040		8.5					
TF2050		10					
TF2060		12					
TF2065		14					
TF2080		16					
TF2095		18					
TF2125	0,021	6	0,24	0,33	0,41	0,47	
TF2140		8.5					
TF2150		11.5					
TF2165		15					
TF2180		17					
TF2195		19					
TF2425	0,024	7	0,30	0,42	0,52	0,60	
TF2440		9					
TF2450		12					
TF2465		15					
TF2473		17					
TF2480		18.5					
TF2495		21					