



SMOOTH-BORE NOZZLES

FLOW RATE & REACTION FORCE

NOZZLE PRESS.	7/8" TIP		15/16" TIP		1" TIP		1 1/16" TIP		1 1/8" TIP		1 3/16" TIP		1 1/4" TIP	
	FLOW RATE	REACT. FORCE	FLOW RATE	REACT. FORCE	FLOW RATE	REACT. FORCE	FLOW RATE	REACT. FORCE	FLOW RATE	REACT. FORCE	FLOW RATE	REACT. FORCE	FLOW RATE	REACT. FORCE
30	125	36	143	41	163	47	184	53	206	60	229	66	254	74
35	135	42	154	48	176	55	198	62	222	70	248	77	275	86
40	144	48	165	55	188	63	212	71	238	79	265	89	293	98
45	153	54	175	62	199	71	225	80	252	89	281	100	311	110
50	161	60	185	69	210	79	237	89	266	99	296	111	328	123
55	169	66	194	76	220	86	249	97	279	109	311	122	344	135
60	176	72	202	83	230	94	260	106	291	119	324	133	359	147
65	183	78	210	90	239	102	270	115	303	129	338	144	374	159
70	190	84	218	97	248	110	281	124	314	139	350	155	388	172

Smooth bore nozzles generate effective streams at nozzle pressures as low 30 PSI, but the stream will degrade at pressures over 60 PSI.