

SWITCH
BLADE™



CHOOSE YOUR PRE-CONFIGURED NOZZLE

Switchblade nozzles are pre-configured in the most commonly used flow rates across the industry.

Nozzle Size	Part Number	Included Pills	Flow Rate Chart						
			@1,000 PSI (69 Bar)	@1,500 PSI (103 Bar)	@2,000 PSI (138 Bar)	@2,500 PSI (172 Bar)	@3,000 PSI (207 Bar)	@3,500 PSI (241 Bar)	@4,000 PSI (275 Bar)
Switchblade Ace Nozzle Kit									
8.0	20022354	(1) #8.0 Pills	4.0 GPM (15.1 LPM)	4.9 GPM (18.5 LPM)	5.7 GPM (21.6 LPM)	6.3 GPM (23.8 LPM)	6.9 GPM (26.1 LPM)	7.2 GPM (27.3 LPM)	8.0 GPM (30.2 LPM)
10.0	20022355	(1) #10.0 Pills	5.0 GPM (18.9 LPM)	6.1 GPM (23.1 LPM)	7.1 GPM (26.9 LPM)	7.9 GPM (29.9 LPM)	8.7 GPM (32.9 LPM)	8.9 GPM (33.7 LPM)	9.0 GPM (34.0 LPM)
12.0	20022356	(1) #12.0 Pills	6.0 GPM (22.7 LPM)	7.3 GPM (22.4 LPM)	8.5 GPM (32.1 LPM)	9.5 GPM (35.9 LPM)	10.4 GPM (39.3 LPM)	10.7 GPM (40.5 LPM)	12.0 GPM (45.4 LPM)
Switchblade Deuce Nozzle Kit									
4.0	20022343	(2) #2.0 Pills	2.0 GPM (7.6 LPM)	2.4 GPM (9.1 LPM)	2.8 GPM (10.6 LPM)	3.2 GPM (12.1 LPM)	3.5 GPM (13.2 LPM)	3.6 GPM (13.6 LPM)	4.0 GPM (15.1 LPM)
6.0	20022344	(2) #3.0 Pills	3.0 GPM (11.4 LPM)	3.7 GPM (14.0 LPM)	4.2 GPM (15.9 LPM)	4.7 GPM (17.9 LPM)	5.2 GPM (19.8 LPM)	5.4 GPM (20.4 LPM)	6.0 GPM (22.7 LPM)
8.0	20022345	(2) #4.0 Pills	4.0 GPM (15.1 LPM)	4.9 GPM (18.5 LPM)	5.7 GPM (21.6 LPM)	6.3 GPM (23.8 LPM)	6.9 GPM (26.1 LPM)	7.2 GPM (27.3 LPM)	8.0 GPM (30.2 LPM)
10.0	20022346	(2) #5.0 Pills	5.0 GPM (18.9 LPM)	6.1 GPM (23.1 LPM)	7.1 GPM (26.9 LPM)	7.9 GPM (29.9 LPM)	8.7 GPM (32.9 LPM)	8.9 GPM (33.7 LPM)	9.0 GPM (34.0 LPM)
12.0	20022347	(2) #6.0 Pills	6.0 GPM (22.7 LPM)	7.3 GPM (22.4 LPM)	8.5 GPM (32.1 LPM)	9.5 GPM (35.9 LPM)	10.4 GPM (39.3 LPM)	10.7 GPM (40.5 LPM)	12.0 GPM (45.4 LPM)
Switchblade Quad Nozzle Kit									
4.0	20022291	(4) #1.0 Pills	2.0 GPM (7.6 LPM)	2.4 GPM (9.1 LPM)	2.8 GPM (10.6 LPM)	3.2 GPM (12.1 LPM)	3.5 GPM (13.2 LPM)	3.6 GPM (13.6 LPM)	4.0 GPM (15.1 LPM)
6.0	20022294	(2) #2.0 Pills (2) #1.0 Pills	3.0 GPM (11.4 LPM)	3.7 GPM (14.0 LPM)	4.2 GPM (15.9 LPM)	4.7 GPM (17.9 LPM)	5.2 GPM (19.8 LPM)	5.4 GPM (20.4 LPM)	6.0 GPM (22.7 LPM)
8.0	20022277	(4) #2.0 Pills	4.0 GPM (15.1 LPM)	4.9 GPM (18.5 LPM)	5.7 GPM (21.6 LPM)	6.3 GPM (23.8 LPM)	6.9 GPM (26.1 LPM)	7.2 GPM (27.3 LPM)	8.0 GPM (30.2 LPM)
10.0	20022278	(2) #3.0 Pills (2) #2.0 Pills	5.0 GPM (18.9 LPM)	6.1 GPM (23.1 LPM)	7.1 GPM (26.9 LPM)	7.9 GPM (29.9 LPM)	8.7 GPM (32.9 LPM)	8.9 GPM (33.7 LPM)	10.0 GPM (38.0 LPM)
12.0	20022295	(4) #3.0 Pills	6.0 GPM (22.7 LPM)	7.3 GPM (22.4 LPM)	8.5 GPM (32.1 LPM)	9.5 GPM (35.9 LPM)	10.4 GPM (39.3 LPM)	10.7 GPM (40.5 LPM)	12.0 GPM (45.4 LPM)
14.0	20022279	(2) #4.0 Pills (2) #3.0 Pills	7.0 GPM (26.4 LPM)	8.6 GPM (32.5 LPM)	9.9 GPM (37.4 LPM)	11.1 GPM (42.0 LPM)	12.1 GPM (45.8 LPM)	13.1 GPM (49.5 LPM)	14.0 GPM (52.9 LPM)

INTERCHANGE PILLS AND FLOW RATES



Switchblade pills can be easily replaced in the field by using a nut screwdriver.

WANT EVEN MORE VERSATILITY?



Use flow plugs to block streams, enhancing the versatility of your Quad.

PART NUMBER	DESCRIPTION	COLOR		FLOW RATE (EACH PILL)						
				@1,000 PSI (69 Bar)	@1,500 PSI (103 Bar)	@2,000 PSI (138 Bar)	@2,500 PSI (172 Bar)	@3,000 PSI (207 Bar)	@3,500 PSI (241 Bar)	@4,000 PSI (275 Bar)
20022319	1.0 Pill	Blue		0.5 GPM (1.8 LPM)	0.6 GPM (2.2 LPM)	0.7 GPM (2.6 LPM)	0.8 GPM (3.0 LPM)	0.9 GPM (3.4 LPM)	0.9 GPM (3.4 LPM)	1.0 GPM (3.7 LPM)
20022320	2.0 Pill	Yellow		1.0 GPM (3.7 LPM)	1.2 GPM (4.5 LPM)	1.4 GPM (5.2 LPM)	1.6 GPM (6.0 LPM)	1.7 GPM (6.4 LPM)	1.9 GPM (7.1 LPM)	2.0 GPM (7.5 LPM)
20022321	3.0 Pill	Green		1.5 GPM (5.7 LPM)	1.8 GPM (6.8 LPM)	2.1 GPM (7.9 LPM)	2.4 GPM (9.1 LPM)	2.6 GPM (9.8 LPM)	2.7 GPM (10.2 LPM)	3.0 GPM (11.3 LPM)
20022322	4.0 Pill	Orange		2.0 GPM (7.6 LPM)	2.4 GPM (9.1 LPM)	2.8 GPM (10.6 LPM)	3.2 GPM (12.1 LPM)	3.5 GPM (13.2 LPM)	3.6 GPM (13.6 LPM)	4.0 GPM (15.1 LPM)
20022323	5.0 Pill	Purple		2.5 GPM (9.5 LPM)	3.1 GPM (11.7 LPM)	3.5 GPM (13.2 LPM)	4.0 GPM (15.1 LPM)	4.3 GPM (16.2 LPM)	4.5 GPM (17.0 LPM)	5.0 GPM (18.9 LPM)
20022324	6.0 Pill	Red		3.0 GPM (11.4 LPM)	3.7 GPM (14.0 LPM)	4.2 GPM (15.9 LPM)	4.7 GPM (17.9 LPM)	5.2 GPM (19.8 LPM)	5.4 GPM (20.4 LPM)	6.0 GPM (22.7 LPM)
20022325	8.0 Pill	Black		4.0 GPM (15.1 LPM)	4.9 GPM (18.5 LPM)	5.7 GPM (21.6 LPM)	6.3 GPM (23.8 LPM)	6.9 GPM (26.1 LPM)	7.2 GPM (27.3 LPM)	8.0 GPM (30.2 LPM)
20022326	10.0 Pill	White		5.0 GPM (18.9 LPM)	6.1 GPM (23.1 LPM)	7.1 GPM (26.9 LPM)	7.9 GPM (29.9 LPM)	8.7 GPM (32.9 LPM)	8.9 GPM (33.7 LPM)	10.0 GPM (38.0 LPM)
20022327	12.0 Pill	Pink		6.0 GPM (22.7 LPM)	7.3 GPM (22.4 LPM)	8.5 GPM (32.1 LPM)	9.5 GPM (35.9 LPM)	10.4 GPM (39.3 LPM)	10.7 GPM (40.5 LPM)	12.0 GPM (45.4 LPM)
10014279	SST Plug	-		-	-	-	-	-	-	-

*All pills have a 1/8" NPT connection thread.







SWITCH
BLADE™
PRODUCT SPOTLIGHT

SEE SWITCHBLADE IN ACTION