

Viper™ *STI*

Durable Basic Spray Nozzle



Always on the front line of fire

Long-Lasting Basic Spray Nozzle ideal for Industrial Firefighting Use

Hard Coated Aluminum, Lightweight and Durable

Massive Protective Rubber Bumper and Fixed Bumper Teeth

Cost-Effective Nozzle available in Tip-Only, with Pistol-Grip, and with Shut-Off Valve



Tip-Only

Stand Alone Twist Shut Off Tip



Tip with Pistol Grip

Twist Shut Off Tip with Pistol Grip



Tip with Shut Off Valve

Twist Shut Off Tip with VIPER® Shut Off Valve

Settings:

Twist-type shut-off tip, straight stream, narrow fog and wide fog pattern settings. The FLUSH mode is used to ensure that any debris is flushed from the nozzle to avoid pattern disruptions or flow reductions.

Stream Pattern:

The nozzle stream is adjusted by rotating the bumper giving the firefighter the widest fog pattern (Full Fog – Protection) to the narrowest fog pattern (Narrow Fog and Straight Stream). The nozzle incorporates a Bumper fixed teeth for a quality fog pattern.

VIPER® Shut Off Valve Option:

The valve itself is low maintenance and operated through an OPEN/CLOSE handle.

Markings:

Markings are high-visibility reflective labels onto anodized aluminum that are easy to read.



Foam:

The VIPER® STI nozzle can be used as a foam nozzle with the addition of inline eductors and low expansion foam tubes.

Inlet Options:

The VIPER® STI nozzles are available with the following standard threads:

- NST/NH Female
- NPSH/IPT Female
- BSP Female
- 2" BSP Male/Female

The VIPER STI nozzles are available upon request with the following couplings: STORZ, BARCELONA UNE 23400, DSP/GUILLEMIN, UNI, NOR and GOST.

The swivel inlet with the pistol-grip or shut-off valve options allows the nozzle to rotate continuously while connected to the supply hose.

Along with the VIPER shutoff valve, the VIPER STI nozzle offers a great method of advancing hose lines by reattaching the tip at the end of the line, specially in the wildland / urban interface.

Lot Number:

The pistol-grip and shut-off valve options are marked with a lot number before leaving the factory. This number can be used for traceability purposes.

Service and Maintenance:

The VIPER® STI nozzle requires minimal maintenance during operation provided the unit is regularly flushed with clean water after being used with foam or contaminated water. Service kits are also available.



TIPSA reserves the right to modify any specification without prior notice to meet or exceed changing standards. Special construction characteristics can be produced upon special request. Contact your local dealer or TIPSA at: tipsaex@tipsa.com

ViperTM STI TIP-ONLY	Nozzle Model	Length		Weight		Swivel Inlet	Nozzle flow		Effective Reach		Attachable Foam Tube
		cm	inch	kg	lbs	inch	lpm (at 6 bar)	gpm (at 100 psi)	m (at 6 Bar)	ft (at 100 psi)	CEP STI
	STI 15 V	14	5,51	0,49	1,08	1" Female	50	15	20	68	
	STI 30 V	14	5,51	0,49	1,08	1" Female	115	30	23	78	
	STI 45 V	14	5,51	0,49	1,08	1" Female	160	45	25	85	
	STI 60 V	14	5,51	0,51	1,12	1" Female	210	60	27	92	

ViperTM STI TIP with PISTOL GRIP	Nozzle Model	Length		Weight		Swivel Inlet	Nozzle flow		Effective Reach		Attachable Foam Tube
		cm	inch	kg	lbs	inch	lpm (at 6 bar)	gpm (at 100 psi)	m (at 6 Bar)	ft (at 100 psi)	CEP STI
	STI 15 P	24,50	9,65	1,17	2,57	1" Female	50	15	20	68	
	STI 30 P	24,50	9,65	1,17	2,57	1" Female	115	30	23	78	
	STI 45 P	24,50	9,65	1,17	2,57	1" Female	160	45	25	85	
	STI 60 P	24,50	9,65	1,17	2,57	1 1/2" Female	210	60	27	92	
	STI 95 P	24,50	9,65	1,17	2,57	1 1/2" Female	330	95	32	105	

ViperTM STI TIP with SHUT OFF VALVE	Nozzle Model	Length		Weight		Swivel Inlet	Nozzle flow		Effective Reach		Attachable Foam Tube
		cm	inch	kg	lbs	inch	lpm (at 6 bar)	gpm (at 100 psi)	m (at 6 Bar)	ft (at 100 psi)	CEP STI
	STI 15 PV	26,70	10,51	1,35	2,98	1" Female	50	15	20	68	
	STI 30 PV	26,70	10,51	1,35	2,98	1" Female	115	30	23	78	
	STI 45 PV	26,70	10,51	1,35	2,98	1" Female	160	45	25	85	
	STI 60 PV	26,70	10,51	1,35	2,98	1 1/2" Female	210	60	27	92	
	STI 95 PV	26,70	10,51	1,35	2,98	1 1/2" Female	330	95	32	105	

The effective reach measured in feet is at 100 PSI, while the effective reach measured in meters is at 6 Bar (85 PSI).
100% Tested - Excellent performance in extreme environments.