Gas Axe™ Extra Heavy Duty

GAS AXE™

Recommended Hose Sizes & Recommended Pressures

SC50 Series - Propane/Nat. Gas Tips, Sizes 6-9

Tip Size	Minimum Pressure At Torch	Recommended Pressure Settings (PSIG)				
		1/4" Dia. Hose		3/8" Dia. Hose		
		50 ft.	100 ft.	50 ft.	100 ft.	200 ft.
SC50-6	92 psig	130	145	117	122	138
SC50-7	95 psig	N/R	N/R	125	135	146
SC50-8	95 psig	N/R	N/R	130	140	155
SC50-9	95 psig	N/R	N/R	130	140	164

N/R - Not Recommended - **Note:** Smaller tips require less flow and will operate satisfactory with 1/4" dia. hose.

Recommended High Flow Regulators

Model Number	Gas	Outlet (PSIG) Pressure	Type
HB1510A-540	Oxygen	0-125	Cylinder
HB1522B-510	LP Gas	0-60	Cylinder
HB1575A	Oxygen	0-150	Manifold
HB1580A	LP Gas	0-60	Manifold
255-00-08*	Oxygen	0-350	Liquid

*Equipped with stainless steel diaphragm and rear entry cylinder connection.

Lengths Available

3', 4', 5' & 6' lengths.
Contact factory for availability of extended lengths.

Available Torch Head Angles

Heavy duty manganese bronze head. Choice of 75°, 90° and 180°.

SC Series Stock No.	Head Angle	Length inch/metric	See Pages 30 - 35 For Cutting Tips
SC935	75°	3'/914mm	**Oxygen/Acetylene:** SC12-00 thru SC12-6, SC56-1 thru SC56-9 **Oxygen/Propane** **Oxygen/Propane Based:** SC40-0 thru SC40-4, SC46-2 thru SC46-6, SC50-0 thru SC50-9 **Oxygen/Propylene:** SC60-0 thru SC60-6, SC2-2, SC2-4 **Oxygen/MAPP®:** SC90-00 thru SC90-5, SC56-1 thru SC56-9
SC939	90°	3'/914mm	
SC930	180°	3'/914mm	
SC945	75°	4'/1.2m	
SC949	90°	4'/1.2m	
SC940	180°	4'/1.2m	
SC955	75°	5'/1.5m	
SC959	90°	5'/1.5m	
SC950	180°	5'/1.5m	
SC965	75°	6'/1.8m	
SC969	90°	6'/1.8m	
SC960	180°	6'/1.8m	

NOTE: Contact factory for extended lengths.

Cylinder Regulator

Manifold Regulator

Available Regulator Hard Hat™ protects gauges from damage. Part #HB190

Part # H743 (pair)

- The Smith Oxygen Flashback Arrestors shown here may be used on tips up to size 5.
- Tips ranging from Size 6-9 require high capacity Oxygen Flashback Arrestors.
  We Recommend Ibeda Brand:
  Part # - 0701-3021 - Fuel Gas
  Part # - 0701-3022 - Oxygen
  For more info go to: www.oxyfuelsafety.com

Warning!
High flow capacity flashback arrestors must be attached to the torch before operating!