

CIGWELD

AN ESAB BRAND

BLUEJET™

SUPRE HEATING TIPS AND BARRELS



DESIGNED FOR OPTIMUM PERFORMANCE

SUPRE HEATING TIPS - OXY/ACET

- Concentrated high temperature heat
- Compact simple design for ease of cleaning
- Heavy copper construction helps conduct heat away from the tip face, keeps the tip cool and prevents flashbacks
- A small projection in the middle of the tip face (207021, SHA1 and SHA2) prevents backfires should the tip be inadvertently touched on the job
- Spanner adjustment flats milled into tip (207022 & 207023)
- Gas pressure and identification stamped on every tip



P/N: 206095



P/N: 207021



P/N: 207022



P/N: 207023

Part Number	Model	Tip Size	Operating Pressure kPa		Gas Consumption l/min		Heat Output (MJ/Hr)	Blowpipe	Mixer	Extension Barrel	Regulator	
			Oxygen	Fuel	Oxygen	Fuel					Oxygen	Fuel
206095	10x12 HT	10x12	350	100	23	22	75	204001	204005	-	310637, 310657	310532, 310376
207021	8x12HT	8x12	150	100	45-58	41-55	180	204001	204036	-	310637, 310657	310532, 310376
207022	SHA1	8x12	150	100	45-58	41-55	180	204001	204040	207028, 207029, 207030	310637, 310657	310532, 310376
207023	SHA2	12x12	200	100	74	65	215	204001	204040	207028, 207029, 207030	310637, 310657	310532, 310376

CAUTION

CIGWELD's recommendation is for 3-levels of Acetylene Cylinder draw rates based on the following criteria:

- Low Usage: 1/7th - L/min, of the cylinder contents (the old Australian industry standard) using a single G-Size cylinder for a <=5min heating job with Tips: 307021, 207021 and 306095 or 206095.
- Intermittent Usage: 1/10th - L/min, of the cylinder contents (the new USA - CGA standard) using a single G-Size cylinders for a <=10min heating job.
- Continuous Usage: 1/15th - L/min, of the cylinder contents.

BLUEJET™

CIGWELD Data Sheet **BLUEJET SUPRE HEATING TIPS & BARRELS V2-2024**
CIGWELD Pty Ltd An ESAB Brand.
www.cigweld.com.au

CIGWELD
AN ESAB BRAND

ESAB

V2-2024

SUPRE HEATING TIPS - OXY/LPG

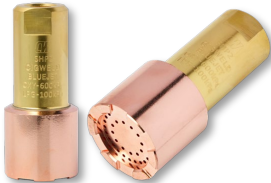
- Provides efficient, economical high intensity heat excellent flame stability and limited upper edge melt
- Heavy copper head for heat and wear resistance and simple design for ease of cleaning
- Castellations on SHP range as an extra resistance to backfire
- Spanner adjustment flats milled into tip
- Gas pressure & identification stamped on every tip



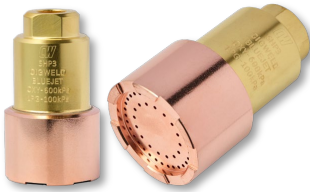
P/N: 206096



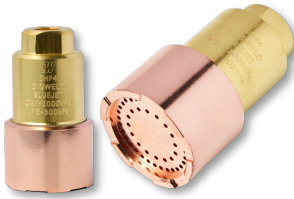
P/N: 207024



P/N: 207025



P/N: 207026



P/N: 207027

Part Number	Model	Tip Size	Operating Pressure kPa		Gas Consumption l/min		Heat Output (MJ/Hr)	Blowpipe	Mixer	Extension Barrel	Regulator	
			Oxygen	Fuel	Oxygen	Fuel					Oxygen	Fuel
206096	20x9HT	20x9	500	100	48	12	40	204001	204005	-	310637, 310657	301525,201003
207024	SHP1	18x12	500	100	200	50	280	204001	204040	207028, 207029, 207030	310637, 310657	301525,201003
207025	SHP2	36x12	600	100	300	75	420	204001	204040	207028, 207029, 207030	310637, 310657	301525,201003
207026	SHP3	48x12	600	100	400	100	560	204001	204041	207028, 207029, 207030	310637, 310657	301525,201003
207027	SHP4	48x15	1000	300	600	150	840	204001	204041	207028, 207029, 207030	310637, 310657	301525,201003

SUPRE HEATING BARRELS - OXY/ACET & OXY/LPG

Tubular stainless-steel construction gives excellent strength and durability. Screw fittings ensure an easy leak-free connection between mixer and supre heating tip. Suitable for both Oxy/Acet and Oxy/LPG BlueJet Supre Heating Tips.



P/N: 207028



P/N: 207029



P/N: 207030

Part Number	Length	Inlet Connection	Outlet Connection	Blowpipe	Mixer
207028	735mm Straight	½" - 20 UNF RH	½" - 20 UNF RH	204001	204040, 204041
207029	700mm Bent	½" - 20 UNF RH	½" - 20 UNF RH	204001	204040, 204041
207030	450mm Bent	½" - 20 UNF RH	½" - 20 UNF RH	204001	204040, 204041

CAUTION

Never starve or choke a supre heating tip. Operate at the correct pressures and flows, accounting for pressure drops in hoses, regulators and flashback arrestors. Reduced pressure at the blowpipe can cause oxygen starvation, overheating and flashbacks. If a flashback occurs, turn off the oxygen valve first, then the fuel valve. Allow the tip to cool before reuse.

