

VIRTUALLY INDESTRUCTIBLE

SPECS

Inner Armor

Protective inner armor – a brass alloy insert – guards against wear and extends nozzle life.

Insulated aircraft aluminum protects the 650 AMP capacity gooseneck.

Hard Body

High-strength plastic handle is engineered with a special impact additives and reinforcing ribs, making it virtually indestructible. This solid construction puts Lightning® in a class of its own.

Lifetime Warranty on handle and trigger switch.

Defensive Shield

The secret behind Lightning®'s super tough cable is electron-beam accelerators that modify and strengthen the outer cover. This protective shield guards against tearing, stretching and abrasion.

Inner tubing, made of Hytrel®,* is kink- and impact-resistant for smooth and reliable wire feed.

Copper strand-count and gauge is optimized for each cable's amperage rating, resulting in a perfect blend of flexibility and strength.

Plug-and-Play

Lightning® is ready to work right out of the box with most popular welding systems. Components are designed for quick, easy switch-outs.

***Fully Compatible With Miller® M25 Consumables With Our Special Gooseneck**

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*Hytrel® is manufactured by DuPont™ and is a trademark of DuPont. American Torch Tip Company is in no way affiliated with DuPont.



Type

Semi-automatic
Air-cooled MIG

Amperage

250, 350, 450

Cable Length

5' – 25'

Gooseneck

180°, 22°, 45°, 60°

Wire Size

.030 – .052
1/16" – 5/64"

Compatibility

Compatible with a complete range of welding machines and wire feeders

Lifetime Warranty

Handle and trigger switch have a Lifetime Warranty

More information, contact tips, nozzles, and gun part numbers – page 2

Nozzle Selector Chart (slip-on)

Part #	I.D.	Tip Location
169-715	1/2" (12.7mm)	Flush
169-724	1/2" (12.7mm)	1/8" Recess
169-725	5/8" (15.9mm)	1/8" Recess
169-726	5/8" (15.9mm)	Flush
169-727	5/8" (15.9mm)	1/8" Stick out
200258	1/2" (12.7mm)	Flush

Contact Tips

Part #	I.D.
087-299	.025" (0.6mm)
000-067	.030" (0.8mm)
000-068	.035" (0.9mm)
000-069	.045" (1.2mm)
172-024	1/16" (1.6mm)
172-025	5/64" (2.0mm)
172-034	3/64" Al. (1.2mm)

Contact Tip Adapters/Nozzle Retainers

Part #	Description
169-716	Adapter
169-728	Adapter
169-729	Nozzle Retainer

Goosenecks

Part #	Description
63-5145-M2	Gooseneck 350A 45° M25 Fixed
63-5145S-M2	Gooseneck 350A 45° M25 Swivel

Amperage Ratings (duty cycle)

Model #	100% Duty Cycle		60% Duty Cycle	
	CO ₂	Mixed Gas	CO ₂	Mixed Gas
250	200	120	300	250
350	350	200	400	350
450	450	300	525	450

If you don't see what you're looking for, please call us at 800-342-8477.

Mig Gun Part Numbering System

LIGHTNING HANDLE	SWIVEL	POWER PIN	GUN MODEL	CABLE LENGTH	WIRE SIZE
M - Miller	S (optional)	M - Miller LN - Lincoln E - Euro T - Tweco 5T - Tweco #5 P - Panasonic B - Bernard H - Hitachi	20 - 250 amp 30 - 350 amp 40 - 450 amp	5 - 5 feet 10 - 10 feet 12 - 12 feet 15 - 15 feet 20 - 20 feet 25 - 25 feet	30 - .030" 35 - .035" 40 - .040" 45 - .045" 52 - .052" 116 - 1/16" 332 - 3/32" 364 - 3/64" al 564 - 5/64"
M	SC	T	40	15	45