

ELLIPTICAL WIRE LINERS FOR MAXIMUM LIFE & PERFORMANCE

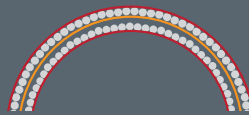
E-Power® Torch Liners for PowerBall® MIG Guns are designed to provide **superior feedability with low wire skid friction**. The patented spring liners are made with a helically wound elliptical wire with a proprietary coating that both **reduces friction and eliminates wire shaving**. When compared to torch liners manufactured with round or square wire, they provide a lower friction coefficient, extended life span, improved welding quality and elimination of downtime caused by wire feeding issues.

- ▶ Elliptical wire liner with proprietary coating reduces skid friction and eliminates wire shaving
- ▶ **72% LESS wire skid friction** vs. round wire liners (tested with 0.045 wire @ 175 IPM and 15' liner length)
- ▶ Long life due to less friction and reduced wear
- ▶ Reduces wire vibration that can cause arc failures and poor welding consistency
- ▶ Durable outer jacket extends 12" (305mm) to minimize gas loss at back end of the torch
- ▶ Replacement liners also available for other OEM MIG guns



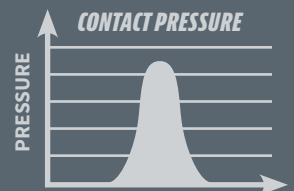
Test results after each liner was submerged in a saltwater solution for 48 hours.

ROUND WIRE TORCH LINER

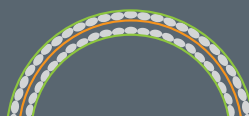


More contact points between liner and the wire.

Wear pattern in a round wire liner after feeding an equal amount of weld wire. The groove is approximately 60% deeper.

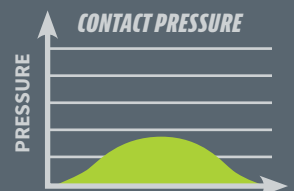


ELLIPTICAL WIRE TORCH LINER



Fewer contact points between liner and the wire.

Wear pattern in the E-Power® liner after feeding an equal amount of weld wire. Extended service life due to less wear.



LINERS FOR FERROUS WIRE

Liner Collet Detail	Part #	Wire Size Range	Length	Liner Style
	WTP-ELL-3545-6	.035 - .045 (0.9 - 1.2 mm)	6' (1.8 m)	Rear Load
	WTP-ELL-3545-10	.035 - .045 (0.9 - 1.2 mm)	10' (3 m)	Rear Load
	WTP-ELL-3545-15	.035 - .045 (0.9 - 1.2 mm)	15' (4.6 m)	Rear Load
	WTP-ELL-3545-25	.035 - .045 (0.9 - 1.2 mm)	25' (7.6 m)	Rear Load
	WTP-ELL-45116-6	.045 - 1/16 (1.2 - 1.6 mm)	6' (1.8 m)	Rear Load
	WTP-ELL-45116-10	.045 - 1/16 (1.2 - 1.6 mm)	10' (3 m)	Rear Load
	WTP-ELL-45116-15	.045 - 1/16 (1.2 - 1.6 mm)	15' (4.6 m)	Rear Load
	WTP-ELL-45116-25	.045 - 1/16 (1.2 - 1.6 mm)	25' (7.6 m)	Rear Load
	WTP-ELL-564-6	5/64 (2 mm)	6' (1.8 m)	Rear Load
	WTP-ELL-564-10	5/64 (2 mm)	10' (3 m)	Rear Load
	WTP-ELL-564-15	5/64 (2 mm)	15' (4.6 m)	Rear Load
	WTP-ELL-564-25	5/64 (2 mm)	25' (7.6 m)	Rear Load
	WTP-ELL-332-6	3/32 (2.4 mm)	6' (1.8 m)	Rear Load
	WTP-ELL-332-10	3/32 (2.4 mm)	10' (3 m)	Rear Load
	WTP-ELL-332-15	3/32 (2.4 mm)	15' (4.6 m)	Rear Load
WTP-ELL-332-25	3/32 (2.4 mm)	25' (7.6 m)	Rear Load	
	WTP-ELL-FL-3545-6	.035 - .045 (0.9 - 1.2 mm)	6' (1.8 m)	Front Load <i>Requires TLC-EL-FL</i>
	WTP-ELL-FL-45116-6	.045 - 1/16 (1.2 - 1.6 mm)	6' (1.8 m)	Front Load <i>Requires TLC-EL-FL</i>
	TLC-EL-FL	.035 - 1/16 (0.9 - 1.6 mm)	Sold Individually	Replacement Adapter for Front Load Liners

BULK LINERS FOR FERROUS WIRE

Liner Collet Detail	Part #	Wire Size Range	Length	Liner Style
	WTP-3545-100B	.035 - .045 (0.9 - 1.2 mm)	100' (30.5 m)	—
	WTP-45116-100B	.045 - 1/16 (1.2 - 1.6 mm)	100' (30.5 m)	—
	WTP-564-100B	5/64 (2 mm)	100' (30.5 m)	—

POLYMER LINERS FOR ALUMINUM/NON-FERROUS WIRE

Liner Collet Detail	Part #	Wire Size Range	Length	Liner Style
	WTP-ELL-45116A-15	.045 - 1/16 (1.2 - 1.6 mm)	15' (4.6 m)	Rear Load, with Distance Sleeve Adapter
	WTP-ELJL-45116A	.045 - 1/16 (1.2 - 1.6 mm)	8.5" (216 mm)	Phosphorous Bronze Jump Liner <i>For use with WTP-ELL-45116A-15</i>