

ALL CONSUMABLES ARE NOT CREATED EQUAL

It's important to choose longer lasting consumables. They can make the difference between repeated consumable replacement and rework, or more arc time and better bottom line.

- **Liners won't gap when bent.**
- **E-Z FEED™ Liner Technology** — Unique coil profile and coating designed to improve wire feeding.
- **Color coded shrink wrap** makes it easier to identify liner wire size.



REAR LOAD LINERS

Wire Size	Liner Color	Cable Length			Description
		10' (3.05m)	15' (4.57m)	25' (7.62m)	
0.023" (0.6 mm) - 0.030" (0.8 mm)	Yellow	Purchase 15' Equivalent	L1A-15	L1A-25	High Carbon Steel - Round Wound
0.030" (0.8 mm) - 0.035" (0.9 mm)	Green		L2A-15	L2A-25	High Carbon Steel - Round Wound
0.035" (0.9 mm) - 0.045" (1.2 mm)	White		LD3A-15 *	LD3A-25 *	E-Z Feed Liner
0.045" (1.2 mm) - 1/16" (1.6 mm)	Red		LD4A-15 **	LD4A-25 **	E-Z Feed Liner
5/64" (2.0 mm)	Blue		L6A-15	L6A-25	High Carbon Steel - Round Wound
3/32" (2.4 mm)	Grey		L7A-15	L7A-25	High Carbon Steel - Round Wound
7/64" (2.8 mm) - 1/8" (3.2 mm)	Black		L8A-15	L8A-25	High Carbon Steel - Round Wound

* STANDARD LINER FOR 0.035" AND 0.045" GUNS

** STANDARD LINER FOR 1/16" GUNS

E-Z FEED LINER TECHNOLOGY

FEATURES AND BENEFITS

- Liner wire has a unique profile and a corrosion resistant coating, designed to make it easier to feed the wire through the MIG Gun
- Liner shape shields the wire material against humidity and dampness in challenging welding environments
- Enhanced coil profile reinforces the liner's rigidity, optimizing wire support
- Improved feed-ability for hard-to-feed wires such as metal cored and stainless steel



CROSS REFERENCE CHART

Wire Size	Old Bernard® Part Number			Old Tregaskiss® Part Number			New Bernard® Rear Load Liner Part Number		
	10' (3.05m)	15' (4.57m)	25' (7.62m)	10' (3.05m)	15' (4.57m)	25' (7.62m)	10' (3.05m)	15' (4.57m)	25' (7.62m)
0.023" (0.6 mm) - 0.030" (0.8 mm)	—	43015	43025	—	415-23-15	—	—	L1A-15	L1A-25
0.030" (0.8 mm) - 0.035" (0.9 mm)	—	43015	43025	—	415-30-15	415-30-25	—	L2A-15	L2A-25
0.035" (0.9 mm) - 0.045" (1.2 mm)	44110	44115	44125	415-35-10	415-35-15	415-35-25	LD3A-15*	LD3A-15*	LD3A-25*
	43110	43115	43125	—	—	—	L3B-10***	L3B-15***	L3B-25***
0.045" (1.2 mm) - 1/16" (1.6 mm)	44210	44215	44225	415-116-10	415-116-15	415-116-25	LD4A-15**	LD4A-15**	LD4A-25**
	—	43215	43225	—	—	—	—	L4B-15***	L4B-25***
5/64" (2.0 mm)	—	44315	44325	—	415-564-15	415-564-25	—	L6A-15	L6A-25
3/32" (2.4 mm)	—	45415	45425	—	415-332-15	415-332-25	—	L7A-15	L7A-25
7/64" (2.8 mm)	—	45615	45625	—	615-18-154	—	—	L8A-15	L8A-25
1/8" (3.2 mm)	—	46715	46725	—	615-18-154	—	—	L8A-15	L8A-25

* STANDARD LINER FOR 0.035" AND 0.045" GUNS

** STANDARD LINER FOR 1/16" GUNS

*** HIGH CARBON STEEL — ROUND WOUND LINER SIMILAR TO LXA-XX, BUT WITH SMALLER O.D FOR USE IN SELECT LOW AMPERAGE MIG GUNS

REPLACEMENT INSTRUCTIONS AND SERVICE

CAUTION Disconnect gun from equipment, allow to cool and remove electrode from liner before servicing.

Diffuser/Retaining Head Removal

Using the appropriate wrench remove the gas diffuser/retaining head with a counterclockwise rotation.

Rear Load Installation

Re-insert liner into power pin with cable laying straight. Continue until liner lock is fully seated into the power pin. A twisting motion may be necessary to seat the o-ring (some power pins may require installation of additional components to secure liner). Making sure the cable is straight, push liner back into gun (back load) and trim liner at front of the gun per diffuser/retaining head part number on the chart to the right. Remove any burr that may obstruct wire feed.

Liner Trim Lengths		
AccuLock™ Diffuser Part Number	Liner Trim Length	
DS-A1-C, DS-A2-C	5/8"	15.9 mm
D-A1-C, D-A2-C	3/4"	19.1 mm
Centerfire™ Diffuser Part Number	Liner Trim Length	
D-1	9/16"	14.3 mm
D-1T	13/16"	20.6 mm
D-1T-5	13/16"	20.6 mm
DS-1	9/16"	14.3 mm
DS-1T	5/8"	15.9 mm
DW-1	1/4"	6.4 mm
Quik Tip™ Diffuser Part Number	Liner Trim Length	
D114	5/8"	15.9 mm
D114Q	9/16"	14.3 mm
D118	3/4"	19.1 mm
D118Q	3/4"	19.1 mm
D118QLL	1-5/16"	33.3 mm
D218	7/8"	22.2 mm
TOUGH LOCK® Retaining Head Part Number	Liner Trim Length	
ALL	3/4"	19.1 mm

