

REAR LOAD LINERS

MIG (GMAW)
WELDING ACCESSORY



Issued January 2025 | Index No. SP-BER-RLL/1.0

ALL CONSUMABLES ARE NOT CREATED EQUAL

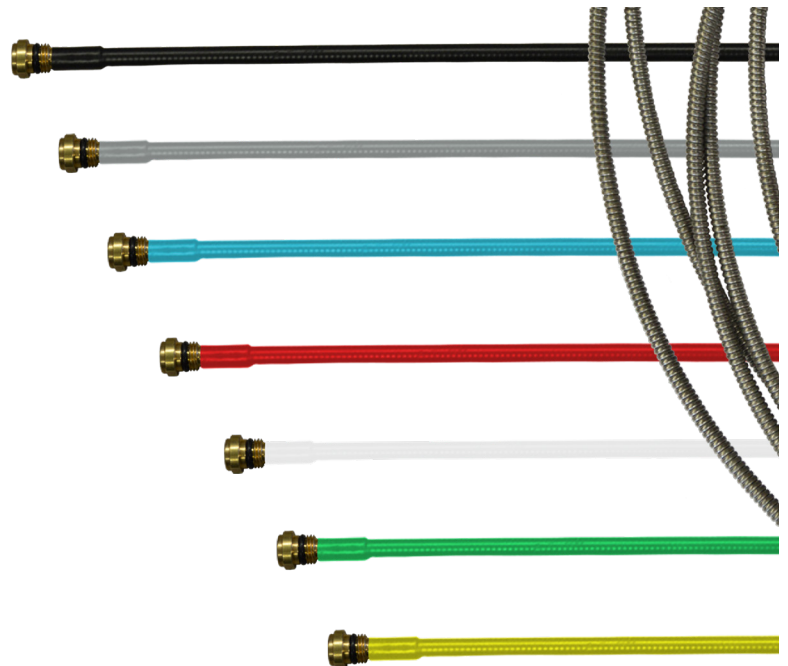
It's important to choose longer lasting consumables. They can make the difference between repeated consumable replacement and rework, or more arc time and better bottom line.

- **LINERS WON'T GAP WHEN BENT**

- **PRODUCED FROM HIGH CARBON MUSI C WIRE** — Provides longer life.

- **COMPATIBLE WITH ALL LEGACY** Q-Gun™, S-Gun™ and T-Gun™ Series MIG guns as well as the Best of the Best (BTB) Platform MIG guns.

- **COLOR CODED SHRINK WRAP** makes it easier to identify liner wire size.



Made with
Pride and without
Compromise in the **USA**

WARNING:
Cancer and Reproductive Harm - www.P65Warnings.ca.gov

BERNARD™

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Beecher, Illinois 60401 USA

1-855-MIGWELD (644-9353)
(US & Canada Only)

For more information,
visit us at bernardregaskiss.com

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	—	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	L3A-10 *	L3A-15 *	L3A-25 *	High Carbon Steel - Round Wound
0.045" (1.2 mm) - 1/16" (1.6 mm)	Red	L4A-10 **	L4A-15 **	L4A-25 **	High Carbon Steel - Round Wound
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

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	L3A-10*	L3A-15*	L3A-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	L4A-10**	L4A-15**	L4A-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	L8B-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.

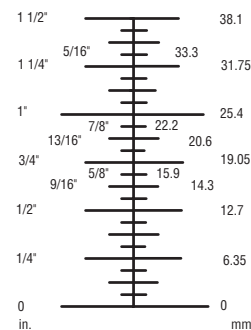
Diffuser/Retaining Head Removal

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
D1FQ	7/8"	22.2 mm
D218	7/8"	22.2 mm
Tough Lock® Retaining Head Part Number	Liner Trim Length	
ALL	3/4"	19.1 mm



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