

# PROTECTIVE HOSE COVERING

## COMPONENTS AND ACCESSORIES

### FLAME GUARD INSULATION

IT IS OFTEN necessary to insulate hoses (or cables) from extreme heat sources. Earl's non-asbestos flame guard is a very efficient insulating sleeve for hose assemblies. **Color:** Brick Red

PART NO BULK	I.D.	PERFORM-O-FLEX, PRO-LITE & AUTO-FLEX	SPEED FLEX SMOOTH BORE	SUPER STOCK
730006ERL	3/8	-	-3 & -4	-
730008ERL	1/2	-3,-4,& -5	-6	-4
730010ERL	3/4	-6,-7,-8, & -9	-8	-6 & -8
730012ERL	1	-10,-11, & -12	-	-10
730014ERL	1 1/4	-14 & -16	-	-12
730016ERL	1 1/2	-18 & -20	-	-



**OPERATING  
TEMPERATURE**  
-65° F TO +500° F  
W/ SPLASHES TO  
2000° F

### FLAME GUARD INSULATION - Full cut lengths

PART NO BULK	1FT./0.3M	3FT./0.9M	6FT./1.8M	10FT./3.0M
730006ERL	730106ERL	730306ERL	730606ERL	731006ERL
730008ERL	730108ERL	730308ERL	730608ERL	731008ERL
730010ERL	730110ERL	730310ERL	730610ERL	731010ERL
730012ERL	730112ERL	730312ERL	730612ERL	731012ERL
730014ERL	730114ERL	730314ERL	730614ERL	731014ERL
730016ERL	730116ERL	730316ERL	730616ERL	731016ERL

### FLAME GUARD TAPE

Available in 1" width on a 12 foot roll.

**Color:** Brick Red



731001ERL

**OPERATING  
TEMPERATURE**  
-65° F TO +500° F  
W/ SPLASHES TO  
2000° F

### STAINLESS TUBE-BRAID™ PROTECTIVE COVERING

Earl's Tube-Braid™ is the least expensive way to finish off any custom engine modification. Stainless Tube-Braid™ is actually stainless steel that slips over existing hoses, and gives the look of the expensive line. Stainless Tube-Braid™ works ideally with Econ-O-Fit hose ends for the finished appearance of professional plumbing. They are also excellent for covering individual wires and cables and for containment of wire bundles.

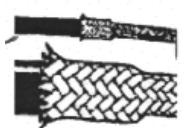
I.D. RANGE	BULK PART NO.
1/4" to 3/8"	920010ERL
3/8" to 5/8"	920013ERL
3/4" to 1"	920001ERL
1" to 1-3/4"	920007ERL
1-1/4" to 2"	920008ERL
1-1/2" to 3"	920004ERL



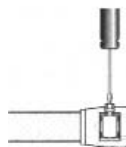
**IMPORTANT NOTE 1:** Whenever using Tube-Braid™ we suggest most strongly that as it makes visual inspection of the hose underneath impossible, you will need to apply it to a NEW original equipment hose to ensure as long and trouble-free hose life as possible.

**IMPORTANT NOTE 2:** Each size of Tube-Braid™ sleeve covers a range of hose diameters. If your hose diameter is near the top of the Tube-Braid™ size range, you are likely to need MORE length of sleeve than the actual length of the hose you are intending to cover. So make allowances when ordering!

### TUBE BRAID™ HOSE COVER - STAINLESS TUBE BRAID

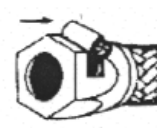


1. Tape end first to avoid fraying
2. Cut with fine tooth blade or shear
3. Slide Tube-Braid onto hose and clamp one end using Econ-O-Fit™ hose end
4. Work Tube-Braid along hose and stretch to fit snugly



5. Install Econ-O-Fit™ hose end on other end of hose and secure tightly

### ECON-O-FIT™ HOSE ENDS



1. Slide Econ-O-Fit™ over hose
2. Slide assembly over nipple
3. Tighten onto fitting



# *Flame Guard*<sup>TM</sup> *Fire Sleeve*

Earl's<sup>TM</sup> sells Protective Sleeving for Hoses, Pipes, Cables etc. as **EARL'S<sup>TM</sup> FLAME GUARD<sup>TM</sup>**. More detail about this product follow.

## **TEMPERATURE CAPABILITIES.**

It will withstand continuous temperatures from -54C (-65F) to +260C (600F) and molten metal splashes to 1649C (3000F).

## **CONSTRUCTION.**

It is made under a special patented process from a silicone rubber outer and braided glass inner sleeve bonded to the rubber. It meets AS1072 (Aerospace division) for aerospace flame protection applications.

## **TYPICAL PROPERTIES**

- Mullens burst strength 800 + PSI
- K value BTU/Deg F/Hr/In if thickness ; 12
- Flame resistance: Fed Spec CC&-191-8, Method 590. 7 seconds to extinguish, no after glow.
- Oil and Fluid Resistance: Remains functional after immersion for 120 hours at 27C (80F) in MiL-H5606, Mil-L-6082, Skydrol 500, Skydrol 500LD and Water.

## **SIZE RANGE**

Earl's Australia stocks the product in the following sizes. (Measurements indicate Maximum O.D. of hose that can be covered, and best fit for Braided Hose (Rubber & Teflon<sup>TM</sup> lined) is also shown. Sold per metre or part thereof.

	<b>Max. OD</b>	<b>Part Number</b>	<b>Best Fit Hose sizes</b>
▶	9.5 mm.	730006	3 & 4 (Teflon), 4 (Rubber)
▶	12.5 mm	730008	4 & 5 (Rubber), 6 (Teflon)
▶	19 mm	730010	6, 7, 8, 9 (Rubber)
▶	25 mm	730012	10, 11, 12 (Rubber)
▶	32 mm	730014	14, 16 (Rubber)
▶	38 mm	730016	18, 20 (Rubber)



# **TUBE-BRAID™ HOSE COVER**

## **Stainless Steel Protective and Decorative Covering**

**EARL'S AUSTRALIA OFFERS STAINLESS STEEL OVERBRAID SLEEVING IN SIZES AS FOLLOWS**

<b>Minimum ID (mm)</b>	<b>Maximum ID (mm)</b>	<b>Bulk Part Number</b>
3.25	9.50	920010
6.40	15.90	920013
9.50	19.00	920001
22.20	29.00	R920007
32.00	37.00	R920009
38.00	45.00	R920006
40.00	50.00	R920008
45.00	59.00	R920004

### **SELECTION and INSTALLATION NOTES**

- 1.** Tube-Braid™ Sleeve starts out close to its smallest diameter, and becomes shorter as you expand its size by concertinaing it. In the size ranges up to 1 inch (25.4 mm) it may be necessary to use anything up to 70% more length of Tube-Braid sleeve than the length of hose you are covering, the closer the outside diameter of the hose to be covered is to the maximum ID of the Tube-Braid™. Consider using the next size up - it may be easier to fit and more economical since you may actually need less length than the hose to be covered.
- 2.** It may not be possible to work Tube-Braid™ over hose whose OD is close to the maximum ID size of the selected Tube-Braid™ if there are sharp bends in the hose being covered. Use of the next larger size of Tube-Braid™ may be necessary in this case.
- 3.** Cut Stainless Tube-Braid™ with good tin snips.
- 4.** Work Tube-Braid™ along the hose being covered. Once arrived at the end, tape it tight. Pull back the Tube-Braid™ to a snug fit and tape the other end. Trim the ends with tin snips before fitting the appropriate size of Earl's™ Econ-o-Fit Hose™ ends

**EARL'S PERFORMANCE PRODUCTS AUSTRALIA PTY LTD**  
**12 STANLEY STREET, SILVERWATER, NSW 2128**  
**PHONE + 61 (02) 9748 6011 Fax + 61 (02) 9748 6241**