

**C CONSTRUCTION:** Fuel and oil resistant synthetic rubber tube, double steel wire braid – Skive Type

**C APPLICATIONS & TEMPERATURE RANGE:** Hydraulic fluids, grease, air, lubricating oils, fuel oils, gasoline and other gases and fluids within a temperature range of -40 F to + 200 F

**C PRESSURE RANGE:** Pressures from 1125 to 5000 PSI

**NOTE:** For Ammonia, L.P., and other gases, it is absolutely necessary to specify cover to be treated by perforation to prevent blistering

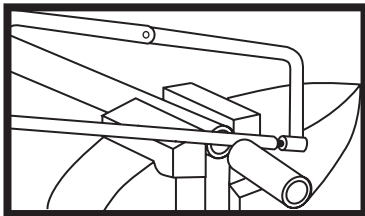
**CONFORMS:** To J.I.C. and meets S.A.E. 100R2A specifications

**C SERIES 100R2A HOSE FITTINGS**

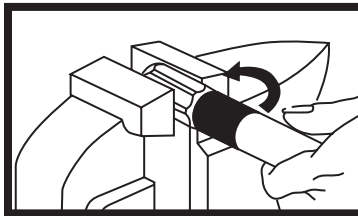
The 100R1A hose fittings for use with Type C hose are shown on the following pages 16f through 17f. Each fitting series is given with details on dimensions and specifications. These fittings are machined of steel and are zinc plated (RoHS compliant) or special order with black phosphate and conform to J.I.C. and S.A.E. standards.

Cover PART NO.	TUBE SIZE	HOSE I.D.	HOSE O.D.	WORKING PRESSURE	BURST PRESSURE	MIN BEND RADUIS	WEIGHT FOOT
4C	1/4	1/4	11/16	5000	20,000	4"	.317
6C	3/8	3/8	27/32	4000	16,000	5"	.457
8C	1/2	1/2	31/32	3500	14,000	7"	.556
12C	3/4	3/4	1 1/4	2250	9,000	9 1/2"	.78
16C	1	1	1 9/16	1875	7,500	11"	1.17
20C	1 1/4	1 1/4	2	1625	6,500	16"	1.75
24C	1 1/2	1 1/2	2 1/4	1250	5,000	20"	2.07
32C	2	2	2 3/4	1125	4,500	26"	2.493

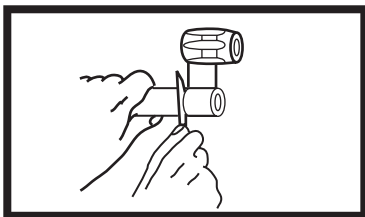
**HOW TO ASSEMBLE LENZ DOUBLE WIRE BRAID TYPE C HOSE AND FITTINGS**



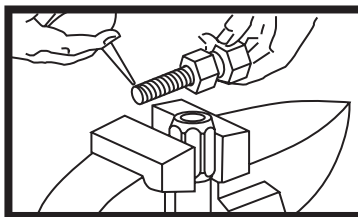
1. Cut hose to desired length using fine tooth hack saw or cut-off saw.



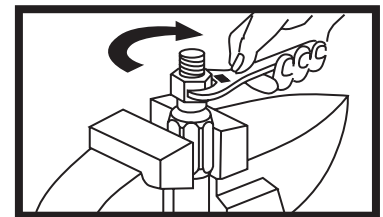
4. Place socket in vise and screw hose in counter clockwise, using body weight against hose to start threading. Tighten until hose bottoms, then back off 1/4 turn. NOTE Some fitting sockets have annular grooves in this case push down on hose while turning the hose into socket, using an alternating motion of a quarter turn in each direction.



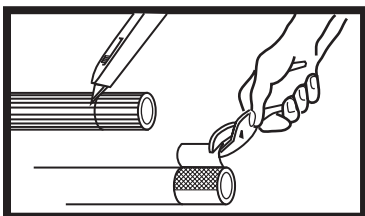
2. Determine the length of hose to be reduced to socket diameter and score with sharp knife.



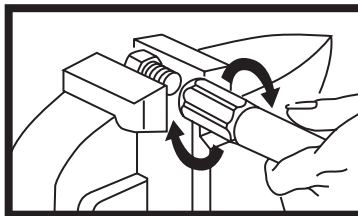
5. Oil inside of hose and nipple threads



7. Screw nipple into socket, using wrench on hex of nipple. After assembled, blow air pressure to remove any hose particles and inspect.



3. After slitting the rubber cover, twist off with pliers. If any particles of rubber remain, remove with wire brush.



6. Place nipple in vise. Push and turn socket, with hose inserted, clockwise on to stem until threads engage.