REMOVABLE INSULATION COVER (RIC) SPECIFICATION

FABRICATION REQUIREMENTS	WEATHER BARRIER & TEMPERATURE LIMITATIONS
 All RICs are custom fabricated and will conform to the configuration of the pipe or fitting being insulated 	Option A – LFP 2109 PTFE-coated Fiberglass Jacketing
 RICs will include openings for all protrusions such as pipes, packing glands on valves, supports, instrument lines and other obstacles in the vicinity RICs are designed so that bending and/or folding is not necessary for installation 	Weather barrier, liner, gussets, straps and flaps will be constructed of a 13.5 oz. PTFE coated fiberglass cloth, LFP-2109, as manufactured by TCI. This flexible, tear resistant PTFE jacketing is proven to be unaffected by complete immersion in wet environments since its invention in 1993. All un- insulated flaps for terminal ends will be of the same material as the weather barrier and sewn to the insulated end of the RIC.
All seams except final closing seams are inside seams. All RICs are sewn	
inside-out and then turned correct side out before insertion of the insulation core. A final closing seam is sewn on the exterior of the RIC	
Three-inch wide flaps at terminal ends are provided to overlap adjacent	Weight: 13.5 oz/yd2 Thickness: 0.009"
 Inree-inch wide haps at terminal ends are provided to overlap adjacent RICs 	
 Machine stitching is used for all sewing. Sewing is always double straight- stitched with 8-10 stitches per inch and parallel stitch rows are spaced from 	Recommended Use: Hot, wet environments - steam manholes, vaults and tunnels
1/8 inch to 2 inches apart. All thread at seams is Teflon [®] coated.	Option B – 1750 SA-2 Silicone Impregnated Fiberglass Jacketing
 Parting seams are always installed at the low point of each RIC to allow drainage without the use of weep tubes or grommets 	Weather barrier, liner, gussets, straps and flaps will be constructed of a 17.5 oz silicone impregnated cloth, 1750 SA-2, as manufactured by LEWCO. This flexible, tear resistant silicone jacketing is typically used by TST on
Valve bonnets are usually always covered and packing glands remain exposed	pipe applications that do not see unusually hot, wet rigorous conditions in confined spaces. All un-insulated flaps for terminal ends will be of the same material as the weather barrier and sewn to the insulated end of the RIC.
 RICs for valves are designed so that each bonnet section is sewn to the body section. For larger valves, the RIC may be fabricated in two sections, 	Temperature Limit: 500°F (260°C)
each section containing one-half of the valve body and bonnet	Weight: 17.5 oz/yd2
 RICs with a weight of 40 lbs. or less will be fabricated in one piece and those with a weight of more than 40 lbs. will be fabricated in more than one 	Thickness: 0.0175"
piece	Recommended Use: Indoor piping applications with
SECUREMENT DEVICES	ambient atmospheric temperatures INSULATION CORE
 Securement straps and buckle straps will be the same material as the specified weather barrier All straps are placed 2 inches back from parting seams and on 6 inch centers All straps are fabricated with an additional piece of material sewn inside the weather barrier to provide extra strength at the point of securement Fire retardant Velcro[®] is used to fasten the securement strap to the weather barrier after the strap passes through the double buckle Terminal end flaps will be the same material as the weather barrier material with yellow Nomex[®] drawcords 	 All core insulation will be constructed of a 9-11 lb. density needled fiberglass mat insulation as manufactured by LEWCO, Claremont or BGF. The thickness of the core insulation will vary according to pipe size: <u>NPS (in)</u> <u>Core (in)</u> <u>1" to 3 ½"</u> <u>1"</u> <u>4" to 5"</u> <u>1 ½"</u> <u>6" to 24"</u> <u>2"</u> Interior bulk insulation is composed of 100% select grade Type "E" glass fibers needled together into mat form. It is processed in such a way as to maximize thermal efficiency. It is non-respirable, incombustible, asbestosfree and contains no resinous or inorganic binders To prevent insulation settlement, the insulation core is secured within the RIC through both weather barriers Insulating cores with more than one piece will have staggered joints to prevent hot spots and heat loss. Joint edges are butted together and will provide better securement at the edges
THERMAL CONDUCTIVITY	IDENTIFICATION TAGS
	• Each RIC is identified by a permanently attached Type 304 stainless steel ID with embossed lettering. The tag is attached to a tag flap sewn to an inside seam or a webbing strap sewn to the exterior of the cover to serve as a lifting handle
Temperature K-Factor	• ID Tags will be located in the same area on similar type RICs
300 [°] F .35	• Each ID tag will include the following information, but may also include any pertinent information required by the owner:
500°F .48	- Type of item being covered
	- Location of item (i.e. Manhole #)
방법은 전 전 전 전 전 전 전 전 전 전 전 전 전 전 전 전 전 전 전	- Recording and tracking information
승규는 가격 주말에서 가장 것을 가지 않는 것을 수요. 등	