"LTK Sleeve"

TECH SHEET

INSULATION TECHNOLOGIES

ltkinsulationtechnologies.com

LTK Insulat M02-12

DESCRIPTION

1 ½", ¾ # density fiberglass insulation sandwiched between spunbond PP/IIdpe medical grade perm rated fabric. Seams sewn double stitched with d-20 polyester thread. End seals maintained by ½"elastic cord gather sewn. Condensation control with one piece removable reusable insulation covers. Units are easy to install and remove with ¾" Velcro™ closures. Low cost, high value and quality construction.

BENEFITS

- No loose fibers
- No tools necessary
- Replaceable part, if lost or damaged
- Reusable
- Fits multiple valve assemblies by multiple manufacturers
- Prevents condensation
- Easy to use
- Ready to use-no fabrication cost



**Patent pending*

USES

- Balance valve assemblies
- Water meters
- Flex connections
- Coupled connections
- In-line pipe apparatuses subject to condensation

ASTM E136 accepted for Commercial, Institutional, Industrial, and Residential projects in North America

Thermal Efficiency of Insert

ASTM C518 75^0 F
K .30

Operating Temperature Limits

Spunbond PP/IIdpe up to 200^0 F (93^0 C)
Insert 0^0 to 450^{0}F (-18^{0}C to 232^{0}C)
Flame spread 25 or less
Fire/Smoke Performance ASTM E84
Flame Spread Index <25
Smoke Development Index <50

Physical Properties of spunbond PP/IIdpe

Total basis weight ASTM D3 776-90 **2oz/yd2**
Thickness ASTM D177-75 **1.5 mils**
Water Vapor Transmission ASTM E96
0.01 perm 37.80°C/100°F-RH/100%
Tearing Strength Trapezoid Cmd/cd ASTM D1117-80 **7/5lbs**

5 Tallwood Drive, Suite B. Bow, NH 03304
Phone 603-224-7407 | Fax 603-224-7409