



Soft ADA Under-Lav Insulators

HANDY-SHIELD^{MAXX}

Maximizes ADA & IBC Standards

PVC Insulation Material Meets ASTM E 84 25/450*



PLUMBEREX
SPECIALTY PRODUCTS INC.
Engineering Smart Solutions

PROJECT	
ITEM #	

SUBMITTAL SPEC SHEET

Insulate per ADA (sec. 4.19.4), ADAAG (sec. 606.5) and ICC/A117.1 (sec. 606.6) all drainage piping including all hot and cold water Valve and Supplies under lavatories. PVC Insulation Material to comply with IBC (International Building Code) shall meet Testing Standard ASTM E 84-07 with a 25 flame spread/450 smoke index.*

Insulate with brand: **HANDY-SHIELD MAXX™**

Manufacturer: **Plumberex Specialty Products Inc.**

Insulators to meet and be listed with IPC/IAPMO Property and Material Standard PS 94-2012. With a one-piece design, fusion molded fabrication and pliable for high flexibility requirements. PVC insulator to be 1/8" thick and shall meet Testing Standard ASTM E 84-07 as per IBC. Surfaces to be soft, smooth, non-absorbent, easy to clean U/V inhibited, antimicrobial, antifungal properties. Insulator shall have a dual fastening system which consists of fusion bonded Velcro** fastener strips for full slit enclosure and tamper resistant, smooth, non-abrasive snap-locking fasteners. **P-Trap Insulator:** Shall have a one-piece design with a universal fit for 1 1/4"-1 1/2" brass or plastic traps, a longer neck area (for longer tailpieces) and a more forgiving girth area (for bulkier plastic DWV Schedule #40 plastic P-Traps w/swivel nut) and shall have drainage at lowest point to prevent condensation and/or leakage build up. **Valve and Supply Insulator:** Shall have a one-piece design with a universal fit over valve handles and brass, plastic or metal braided supplies and connectors and shall be able to flex-curl to a minimum of 360 degrees with a full slit closure for total compliance. **Off-Set Insulator:** Shall have a one-piece design with a universal fit and shall fit inside of P-trap insulator tailpiece area.

CODES & STANDARDS COMPLIANCE

- ADA 4.19.4/ABA 606.5 rev.
- ICC/ANSI A 117.1 (sec. 606.6)
- IBC (International Building Code)
- UPC/IAPMO PS 94-2012
- Meets new 2015 IPC 403.3 & UPC 421.2 Plumbing Codes
- Standard ASME A112.18.9

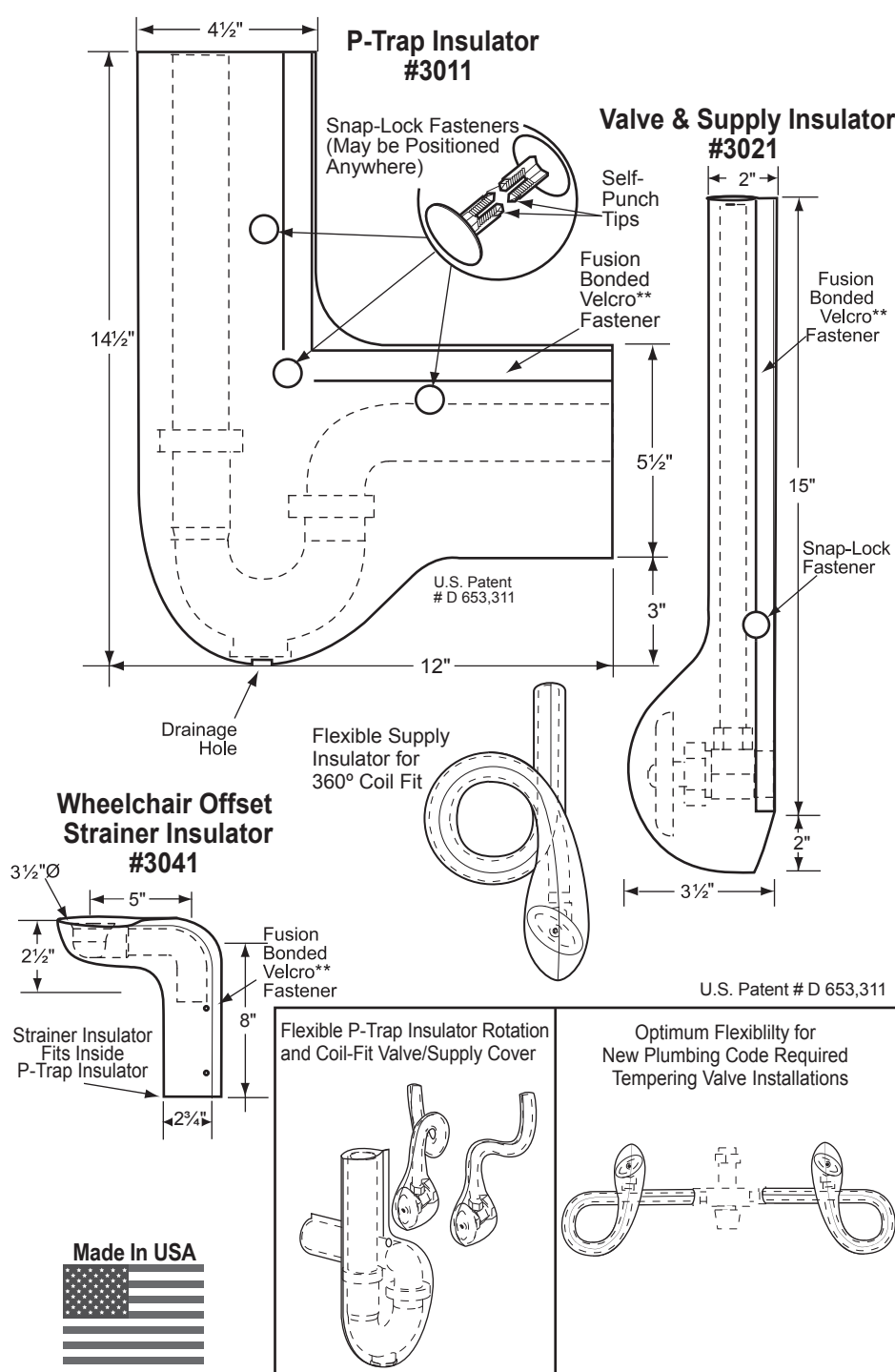
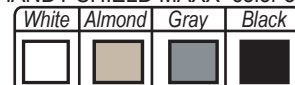
Thermal Insulation

- ASTM E 84-07 (Class A Insulation Material)
25 Flame Spread/450 Smoke Index*
- ASTM C-177 Thermal Conductivity 0.028 (K-Value)
Thermal Resistance 0.504 (R-Value)
- ASTM C-518 Thermal Conductivity 0.358 (avg.)
Thermal Resistance 0.346 (avg.)
Thermal Resistance 2.790 ("R" Per Inch)
Density 21.61 (PCF)

PART NUMBER BY PRODUCT

- ☐ **MODEL # 2003 (3 pc. kit) White**
1 P-Trap Insulator,
2 Valve & Supply Insulators
- ☐ **MODEL # 2004 (4 pc. kit) White**
1 P-Trap Cover
1 Wheelchair Offset Strainer Insulator
2 Valve & Supply Insulators
- ☐ **MODEL # 2002 (2 pc. kit) White**
1 P-Trap Insulator,
1 Valve & Supply Insulator
- ☐ **MODEL # 3011 White**
1 P-Trap Insulator
- ☐ **MODEL # 3021 White**
1 Valve & Supply Insulator
- ☐ **MODEL # 3041 White**
1 Wheelchair Offset Strainer Insulator

HANDY-SHIELD MAXX™ color options:



*Tested in accordance with Testing Standard ASTM E 84-07 with a 25 flame spread/450 smoke index (not for Plenum use).

**Velcro is a registered trademark of Velcro USA Inc.



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