

Soft ADA Under-Lav Insulators

## HANDY-SHIELD Maxx™

Maximizes ADA & IBC Standards

PVC Insulation Material Meets ASTM E 84 25/450\*



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/APMO 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/APMO PS 94-2012
- Meets new 2015 IPC 404.3 & UPC 403.3 Plumbing Codes
- ASTM C1822-15
- Standard ASME A112.18.9

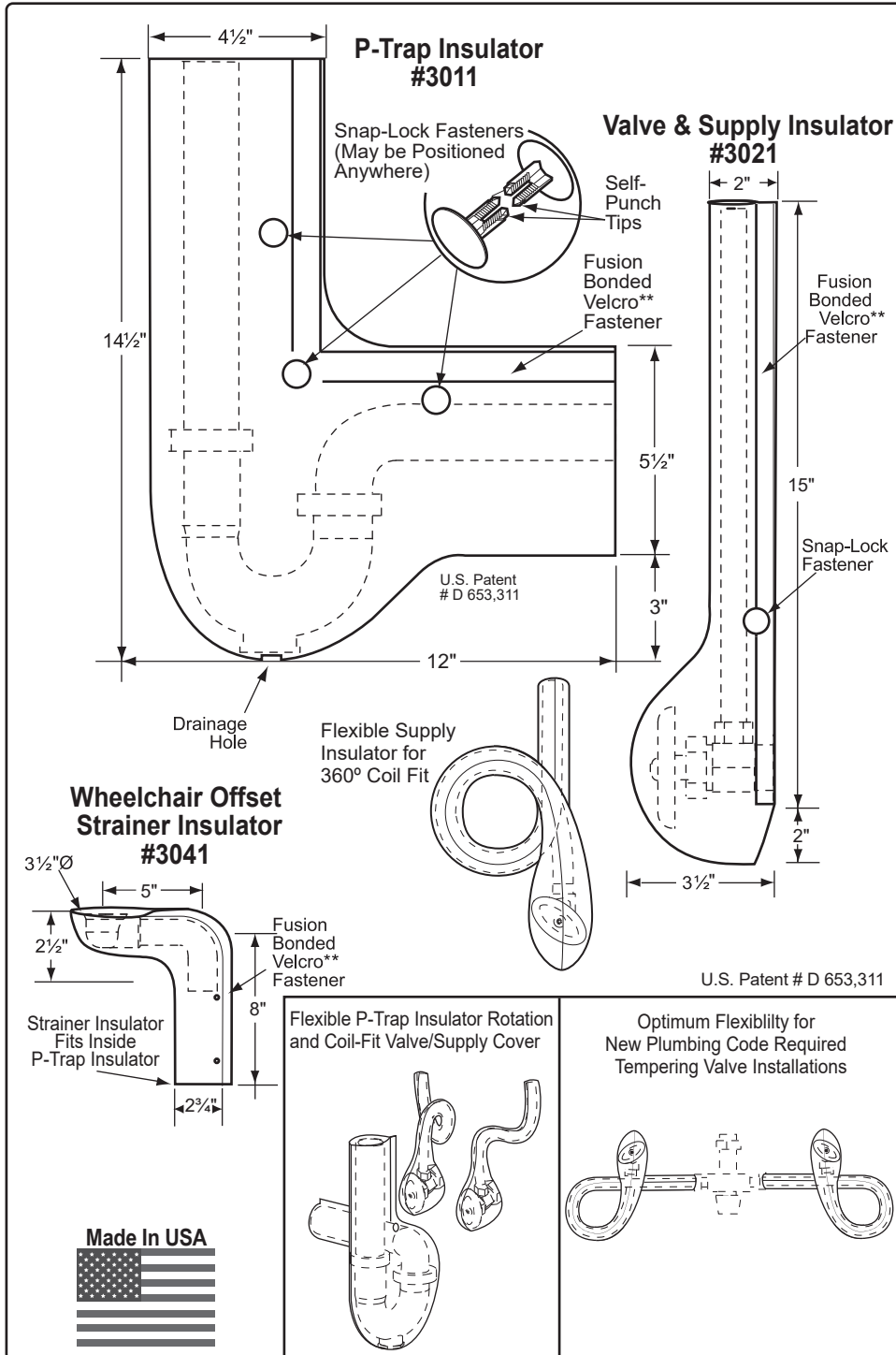
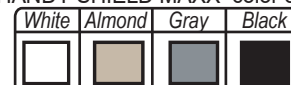
#### Thermal Insulation

- **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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 Plumberex Specialty Products, Inc. Reserves the right to make changes or improvements at any time without notice.