

HANDY-SHIELD MAXX™

Maximizes ADA & IBC Standards

Approved Class "A" Rated Material
ASTM E 84 25/450*
 Fire & Smoke Tested

Improved ADA Compliance with Longer Tailpiece Design!
 Eliminate Extra Extensions & Tape!



U.S. Patent
 # D 653,311

Handy-Shield MAXX™ Solves the Challenges of Changing Industry Standards and Installation Requirements

Handy-Shield MAXX™ offers a Superior High Gloss Finish, Flame & Smoke Rated Insulation Material, and a System that is Soft, Flexible, Quicker and Easier to Install with Velcro!**

Improved ADA Compliance that Fits More Jobs

Handy-Shield MAXX™ makes short designed covers obsolete including the extra parts associated with them like: extensions, tape, pipe wrap etc! Handy-Shield MAXX™ features a more "universal design" with improved ADA added-reach insulation coverage that combines a longer neck area (for longer tailpieces) and a more forgiving girth area (for bulkier plastic DWV Schedule #40 Traps) providing the ability to fit longer, wider or shorter installs by simply trimming to size. The result is a long term, professional-looking and secure installation that meets ADA complete coverage requirements.

Non-Sewn, Fusion Molded Technology

Handy-Shield MAXX™ makes sewn covers obsolete with Superior Fusion-Bonded fabrication technology. This allows installers to custom cut covers to size, leaving a finished-quality edge and materials that won't unravel, leaving a professional finished Job!

Flexibility Challenges

Fitting flexible, stainless steel braided supplies is no problem for Handy-Shield MAXX's™ Superior, Flexible, Soft PVC with a Continuous Velcro** Closure System that complies with total ADA insulation coverage.

New Handy-Shield MAXX™ a Superior Product with Added Value!

Plumberex has invested years of research involving the requirements and challenges associated with having to meet the ADA (Americans With Disabilities Act) and also the IBC (International Building Code). So rest assured that when purchasing and installing Handy-Shield MAXX™ you are in complete and combined compliance with Federal Law (ADA) and the International Building Model Code (IBC) Standards!

Meets Accessibility Laws (ADA) & Building Code (IBC)

Fire Rating Test Standards

ADA 4.19.4/ABA 606.5 rev., ICC/ANSI A 117.1 (sec. 606.6)
 IBC (International Building Code) Chapter 8

Flame and Smoke Safety

ASTM E 84-07 (Class A Insulation Material)
 25 Flame Spread/450 Smoke Index*

UPC/IAPMO PS 94-2012

Meets new 2015 IPC 404.3, UPC 403.3 Plumbing Codes
 Standard ASME A112.18.9
 ASTM C1822-15

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



**Proudly
 Made in
 U.S.A.**

**Velcro is a trademark of Velcro USA



Eliminates Liability!

Color Options:



White



Almond



Gray



Black

*Equal Flex
 Design!*



*Touch 'n Go
 with Velcro!***



*Tamper-Resistant
 Fasteners!*



HANDY-SHIELD MAXX™

Product Numbers

- 2003W** (3-PC Kit - White) 1-trap & 2 supply
- 2004W** (4-PC Kit - White) 1-trap & 2 supply & 1 offset
- 2002W** (2-PC Kit - White) 1-trap & 1 supply
- 3011** (1-PC Item - White) 1-trap
- 3021** (1-PC Item - White) 1-supply
- 3041** (1-PC Item - White) 1-offset

Detailed specification, submittal sheet and model numbers on back

PLUMBEREX

SPECIALTY PRODUCTS INC.

Engineering Smart Solutions

(800) 475-8629
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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 UV 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 404.3 & UPC 403.3 Plumbing Codes
- ASTM C1822-15
- Standard ASME A112.18.9

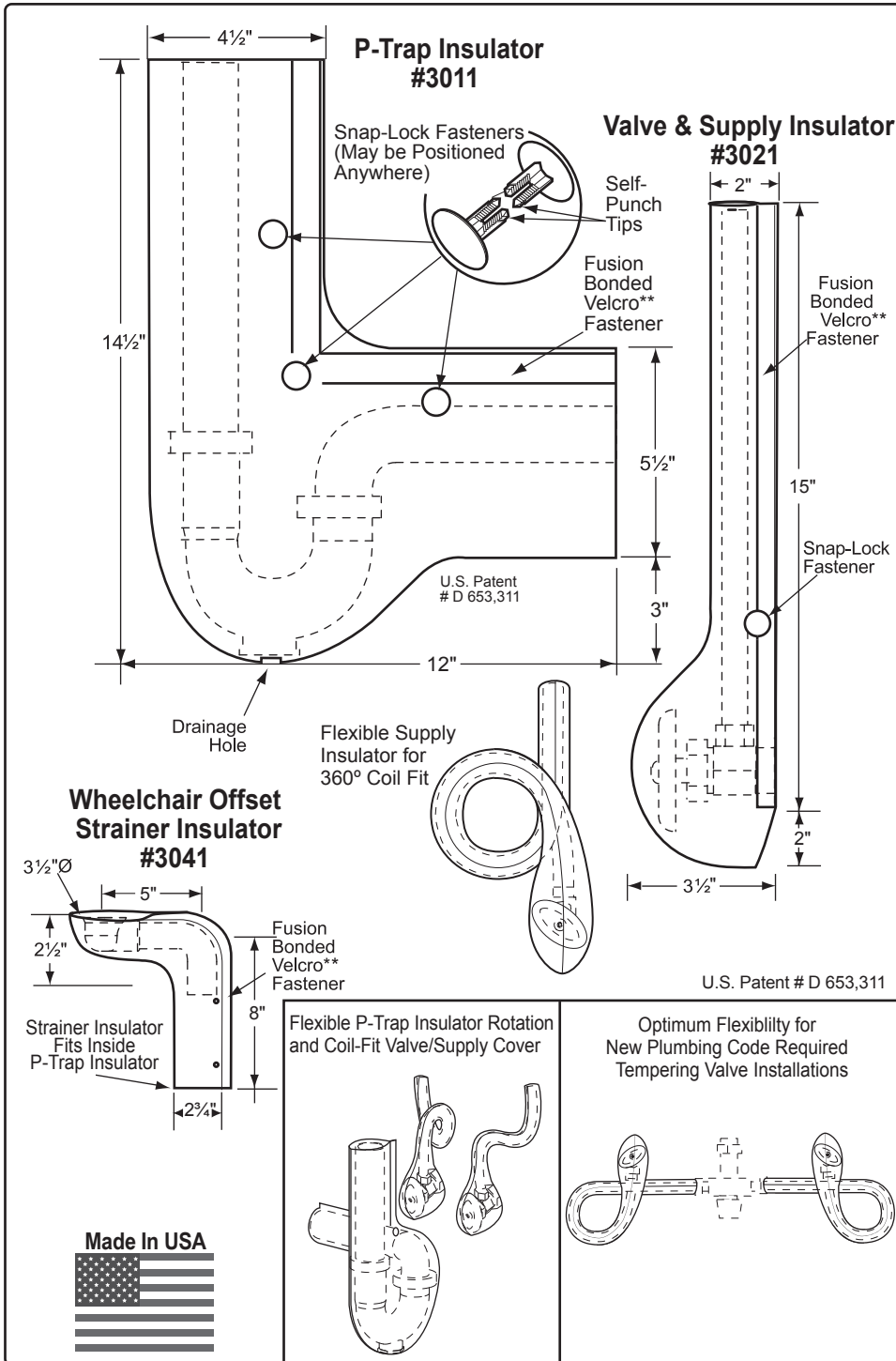
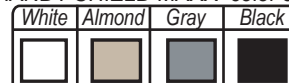
Thermal Insulation

- **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:



Flexible P-Trap Insulator Rotation and Coil-Fit Valve/Supply Cover

Optimum Flexibility for New Plumbing Code Required Tempering Valve Installations

Made In USA



*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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