



Engineer's Overview

of



Plumberex Specialty Products, Inc.
ADA Under-Lav Insulating Protector Covers

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Mailing Address
P.O. Box 1684
Palm Springs, CA 92263

PLUMBEREX SPECIALTY PRODUCTS, INC.

Headquarters, Factory & Shipping Address
72170 Dunham Way
Thousand Palms, CA 92276

Email Orders & Inquiries
customerservice@plumberex.com
Phone: (760) 343-7363

New

ADA Specialty Items!

Install Contractor Kits

Everything Needed for Installation



- Now With Flexible Supply Covers
- Covers Looping Braided Connectors
- Complete ADA Compliance
- Meets Fire & Building Codes Flame & Smoke
- ASTM E84 Class A Materials



3071WD-333KIT
Waste Disposal
& 2 Valve Covers



3061-EOKIT
Kitchen End Outlet,
P-Trap & 2 Valve Supply Covers



3061-COKIT
Kitchen Center Outlet,
P-Trap & 2 Valve Supply Covers

Larger Diameter Waste Disposal Cover



3071WD-H
Waste Disposal
Cover Large

Fits 3/4 HP, 1 HP Disposal Evolution Models

Mixing Valve ADA Covers

Make sure your ADA compliant, exposed mixed water supply must be insulated.

"Water supply and drainpipes under lavatories and sinks shall be insulated" (ADA, ANSI 117)

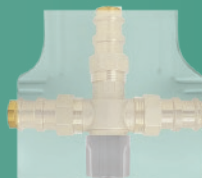
3021-MIX60
Mixing Valve
Supply
Cover



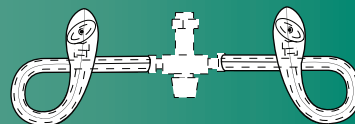
Valve Cover
with MIX60
Valve Illustration



**3200W Thermostatic
Mixing Valve Cover**
Universal Fit



Valve Cover
with Thermostatic
Mix Valve
Illustration



Optimum Flexibility for
New Plumbing Code Required
Tempering Valve Installations

PLUMBEREX
SPECIALTY PRODUCTS INC.
Engineering Smart Solutions

Proudly
Made In
America



Fits More Trap Configurations

Tailored Fit

Unique Advantages Only With PLUMBEREX Soft ADA Trap Covers

1.

Save Time And Labor
The Fastest Install!



2.

Stay ADA Compliant with Supply Covers
That Fit Looping Braided Connectors



3.

Meet Building and Fire
Codes for Fire Safety

**ASTM E84 / UL 723
Class A Material
Flame & Smoke**

Color Choices!



White

Black

Almond

Gray

Proudly
Made In
America



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Unique Advantages

Only With PLUMBEREX Molded ADA Trap Covers

1.

1-Piece
Tail Piece & P-Trap Design
Superior Aesthetics



Compare to
Competitors' 2
piece product that
separate

2.

Removable-Reusable
Valve Access Cap



Compare to
Competitors' need
to remove entire
valve & supply cover

3.

Full Rotation
Option



Fits all
configurations

4.

Replaceable
Fasteners for
Long-Term
Maintenance



Other products
broken fasteners
require replacing
entire cover

5.

Smooth Surface Design
Allows Easy Cleaning
No Deep Cavities or
Raised Areas



HANDY-SHIELDTM MaxxTM

Soft ADA Under-Lav Protectors



Molecular
Bond



Flame & Smoke
Rated



Maintenance
Friendly



High
Gloss

U.S. Patent
D 653,311



**MEETS
ASTM
C1822**

- Modern Design-Universal Fit!
- Velcro Fastened for Fast Installation
- New Fusion Welded Technology (Non-Sewn)
- Superior Hi-Gloss PVC Matches Fixtures
- UV Inhibited, Anti-Microbial, Anti-Fungal
- Fits Sch. 40 Traps & Flexible Braided Supplies

Equal Flex
Design!



Touch 'n Go
with Velcro!



Tamper-Resistant
Fasteners!



Color Options:

White



Almond



Gray



Black



Proudly
Made In
America



HANDY-SHIELD MAXXTM

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

www.plumberex.com



#1 for Fast and Easy Installation

ADA Compliant Soft Under-Lav Insulators

Trap Gear's soft, smooth body insulates drain and supply lines under lavatories to protect persons confined to wheelchairs, from bruising, cutting or burning their legs.

Trap Gear is manufactured from 100% soft vinyl, with anti-fungal properties. The molded design ensures a smooth, elegant, custom fit. Super-Grip Velcro* makes installations quick and simple, and Snap-Lock Fasteners provide added tamper resistance.

- Sleek, Modern Aesthetics
- Fusion Molded Technology
- Velcro Fastened 100% Vinyl
- UV Inhibited, Anti-Microbial, Anti-Fungal
- Class A Material 25 Flame/450 Smoke

Codes & Standards Compliance:

- ADA 4.19.4/ANSI A 117.1
- ABA 606.5,
- Canada Barrier Free Code 3.8.3.11 Lavatories
- Meets new plumbing code standards for 2015, 2018, 2021 IPC 404.3, UPC 403.3, NSPC 7.2
- **ASTM C1822 Type I**
- ASME A112.18.9
- UPC/IAPMO 94

Building & Fire Code

Flame and Smoke Safety

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

Thermal Insulation

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)

Durability & Fungal Resistance

ASTM G153, D412, D570 Tested for long term degradation
ASTM G153 Weatherization & UV
ASTM D 412 Tensile Strength and Elongation
ASTM D 570 Water Absorption
ASTM G21 Interior and Exterior surface
Tested Result of -0- Fungal/Microbial Growth

Fits 1¼, 1½"
Tubular Traps!

Equal Flex
Design
Allows
over
360° Flexibility

Touch 'n Go
with Velcro*
for Full
Enclosure

Smooth
Non-Abrasive
Snap-Lock
Fasteners

U.S. Patent
D 653,311



Proudly
Made in
U.S.A.

TRAP-GEAR™
Protective Insulators

Product Numbers

- 396** (3-PC Kit - White) 1-trap & 2 supply
- 427** (4-PC Kit - White) 1-trap & 2 supply & 1 offset
- 350** (2-PC Kit - White) 1-trap & 1 supply
- 307** (1-PC Item - White) 1-trap
- 327** (1-PC Item - White) 1-supply
- 304** (1-PC Item - White) 1-offset

(800) 475-8629

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PLUMBEREX

SPECIALTY PRODUCTS INC.

Engineering Smart Solutions

P.O. Box 168 | Palm Springs, CA 92263 | (760) 343-7363 | FAX (760) 343-7366

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*Velcro is a registered trademark of Velcro U.S.A.

PRO-EXTREME™

Under - Lav Covers

- One-Piece Design
- Saves Time & Labor
- Superior Aesthetics!
- Smooth 100% Vinyl with Antifungal Agents
- Prevent Grime and Fungal Build-Up
- Makes Cleaning Easier!
- Dual Drainage Holes
- Internal Flexible Self-Adjusting Structures provide contact cushioning and ensures a snug fit
- Internal Tear Lines for Custom Trimming

Valve Access Cap

Competitors require hassle of complete unit disassembly!

NEW!
Snap-Lock Fasteners
Smooth Non-Abrasive
Won't Break Off!

U.S. Patent #7,100,633

No Cable Ties!



Full Rotation Option!

Will Fit All Configurations!



Proudly Made in U.S.A. 

Meets new 2015 IPC 403.3, UPC 421.2
Plumbing Codes, & Standard ASME A112.18.9

PRO-EXTREME™ Product Numbers

X4333	(3-Pc Kit - White)	1-trap & 2 supply
X4444	(4-Pc Kit - White)	1-trap & 2 supply & offset
X4222	(2-Pc Kit - White)	1-trap & 1 supply
X4111	(1-Pc Item - White)	1-trap
X4112	(1-Pc Item - White)	1-supply
X4114	(1-Pc Item - White)	1-offset

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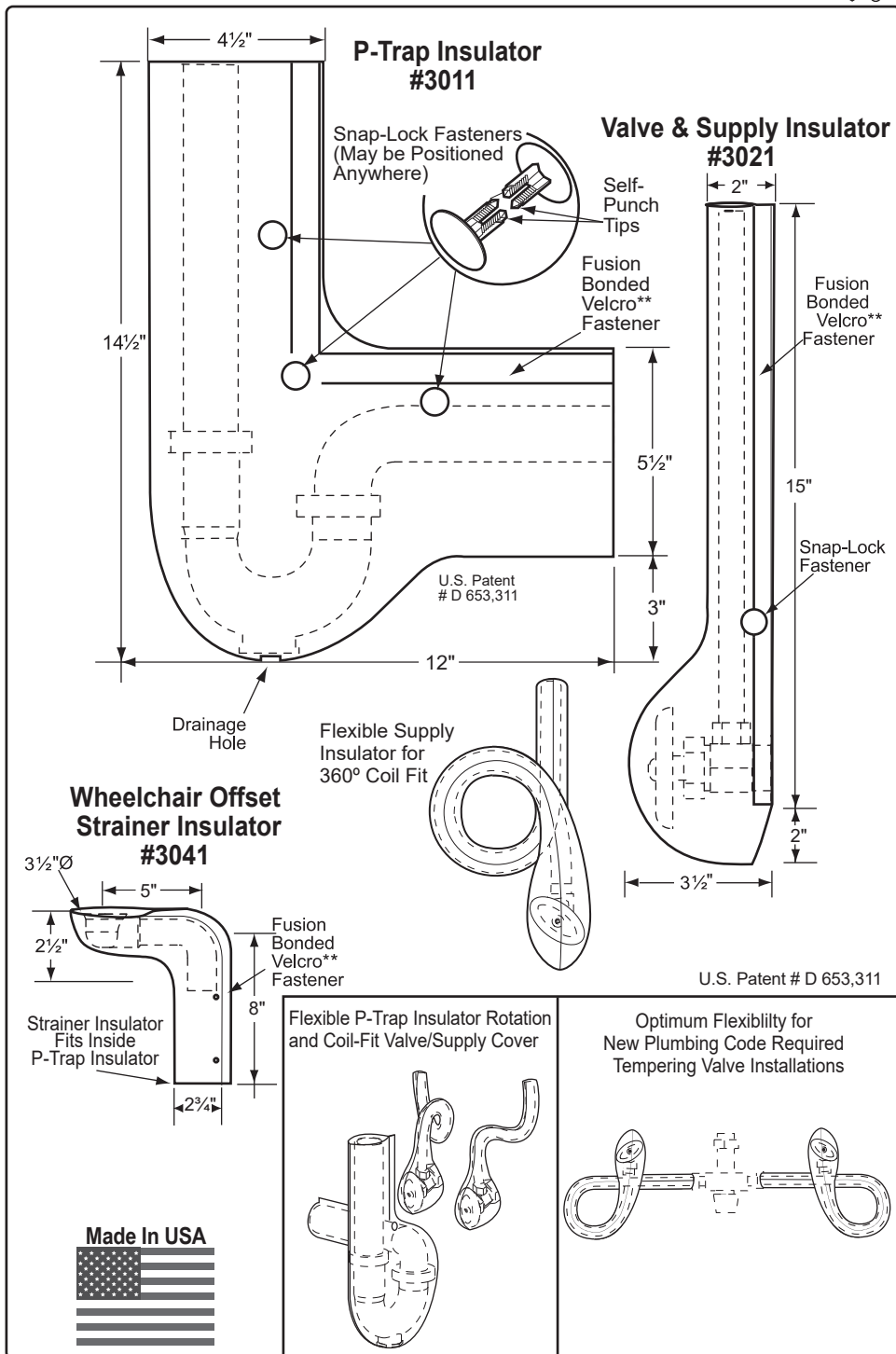
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P.O. Box 1684 Palm Springs, CA 92263

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

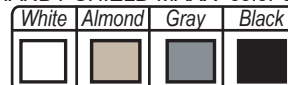
Thermal Insulation

- 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.

Trap Gear™

SOFT A.D.A. COMPLIANT UNDER-LAV INSULATORS



PLUMBEREX
SPECIALTY PRODUCTS INC.
Engineering Smart Solutions

PROJECT	
ITEM #	

SUBMITTAL SPEC SHEET

Insulate per ADA 4.19.4, (ADA/ABA 606.5 rev.) 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: TRAP-GEAR™

Manufacturer: Plumberex 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 with a 25 flame spread/450 smoke index per IBC. Surfaces to be soft, smooth, non-absorbent, easy to clean U/V inhibited, antimicrobial, antifungal properties. Insulators 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. Surfaces to be soft, smooth, non-absorbent, easy to clean U/V inhibited, antimicrobial, antifungal properties. Insulators 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:** Universal fit for 1 1/4"-1 1/2" brass or plastic traps and shall have drainage at lowest point to prevent condensation and or leakage build up. **Valve and Supply Insulator:** Universal fit over valve handles and for brass, plastic or metal braided supplies or connectors and shall be able to flex-curl to a minimum of 360 degrees for full slit closure for total compliance. **Off-Set Insulator:** Sized and designed to fit inside of P-trap insulator for custom fit.

CODE & STANDARDS COMPLIANCE

- ADA 4.19.4/ANSI A 117.1
- ABA 606.5, Canada Barrier Free Code 3.8.3.11 Lavatories
- Meets new plumbing code standards for 2015, 2018, 2021 IPC 404.3, UPC 403.3, NSPC 7.2
- ASTM C1822 Type I
- ASME A112.18.9
- UPC/IAPMO 94

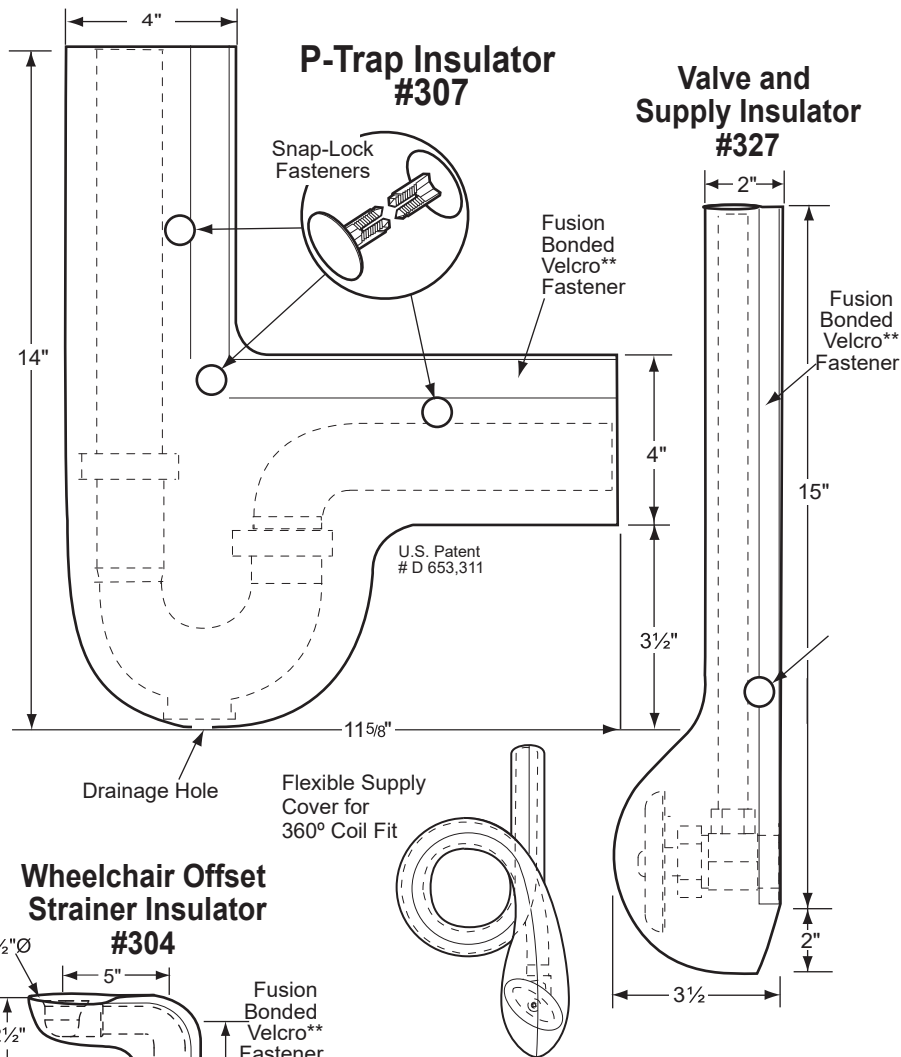
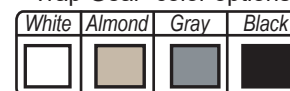
Thermal Insulation

- **ASTM E 84** (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

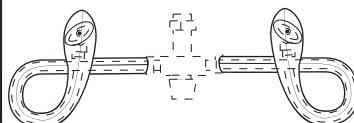
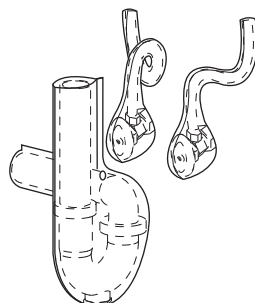
- ☐ **MODEL # 396 (3 pc. kit) White**
1 P-Trap Cover,
2 Valve & Supply Covers
- ☐ **MODEL # 427 (4 pc. kit) White**
1 P-Trap Cover
1 Wheelchair Offset Strainer Cover
2 Valve & Supply Covers
- ☐ **MODEL # 350 (2 pc. kit) White**
1 P-Trap Cover,
1 Valve & Supply Cover Cover
- ☐ **MODEL # 307 White**
1 P-Trap Cover
- ☐ **MODEL # 327 White**
1 Valve & Supply Cover
- ☐ **MODEL # 304 White**
1 Wheelchair Offset Strainer

Trap Gear™ color options:



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

Optimum Flexibility for New Plumbing Code Required Tempering Valve Installations



Proudly Made in U.S.A.



*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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"PRO-EXTREME"™

A.D.A. COMPLIANT UNDER-LAV COVERS

ADA Compliant for Americans with Disabilities Act



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SPECIALTY PRODUCTS INC.

Engineering Smart Solutions

SUBMITTAL SHEET

PROJECT	
DWG #	
ITEM #	

SUBMITTAL SPEC SHEET

Insulate all drainage piping including all hot and cold water supplies under lavatories.

Insulate with brand: Pro-Extreme™
Manufacturer: Plumberex, Inc.

Molded PVC Covers containing anti-microbial/anti-fungal and UV inhibitors with Self-extinguishing flammability characteristics. Fastening system to consist of tamper-resistant, smooth, non-abrasive snap-locks. **P-Trap Cover:** One-Piece cover designed with full rotation option. Cover must have weep holes at the lowest point for proper leak drainage and for ventilation. **Valve and Supply Covers:** One-Piece covers designed with removable cap for access to water shut-off. Removable Cap can be reassembled and secured; no loose access parts are allowed to ensure long-term tamper-resistance. Cover must have weep holes at the lowest point for proper leak drainage and for ventilation. **Wheel Chair Offset Strainer Cover:** One-Piece cover designed with full rotation option. Cover also uses Velcro fasteners for easy installation.

CODES & STANDARDS COMPLIANCE

ADA 4.19.4/ABA 606.5 rev.

ICC/ANSI A 117.1 (sec. 606.6)

Meets new 2015 IPC 403.3 & UPC 403.3 Plumbing Codes
Standard ASME A112.18.9

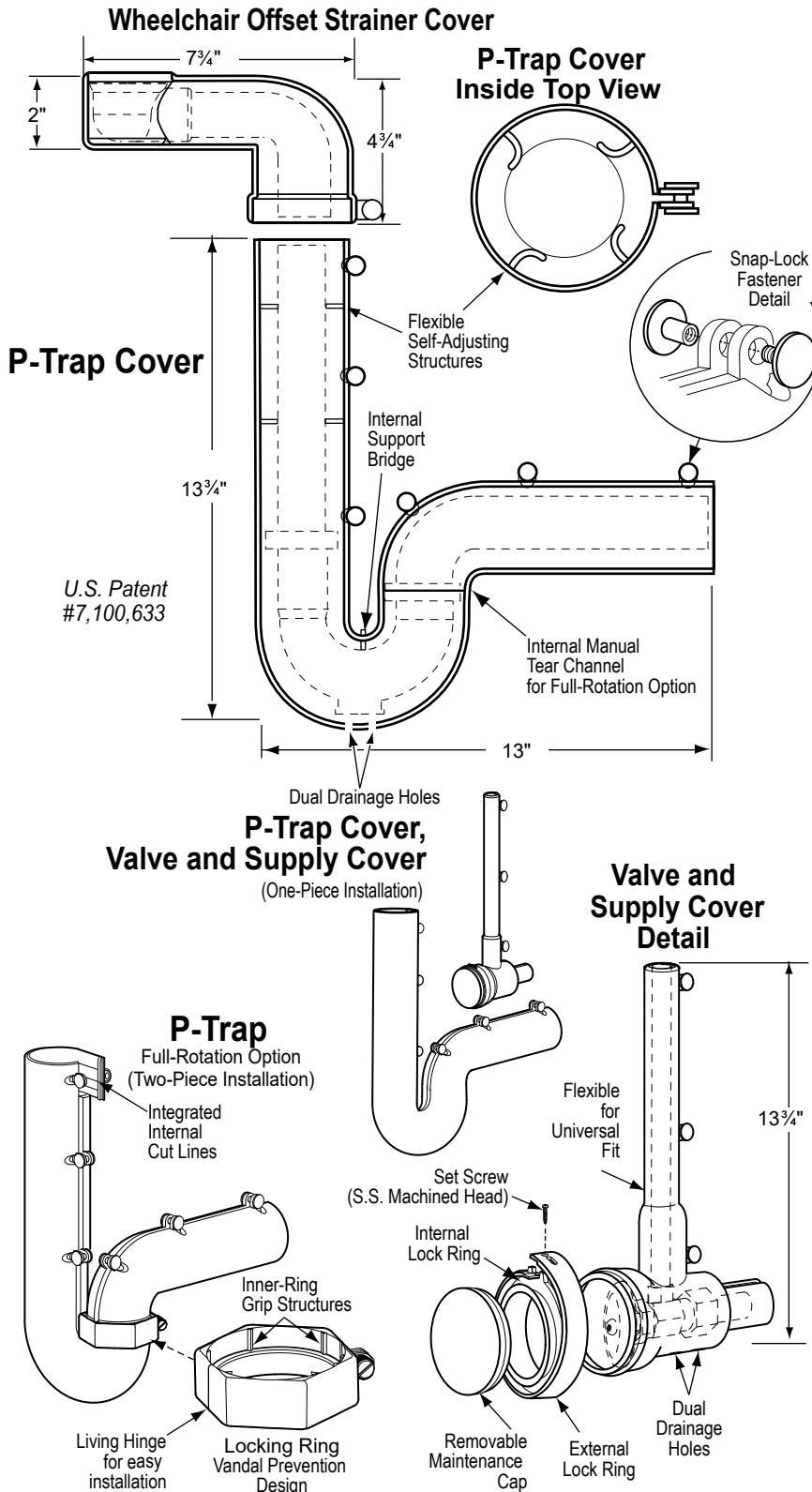
"This product does not meet the 25 Flame/450 Smoke index material test standard ASTM E-84, and may not satisfy City County, or State Code enforcement bodies. Check with your Authority Having Jurisdiction (AHJ)."

PART NUMBER BY PRODUCT

- ☐ **MODEL # X4333 (3 pc. kit)**
1 P-Trap Cover,
2 Valve & Supply Covers
- ☐ **MODEL # X4444 (4 pc. kit)**
1 P-Trap Cover
1 Wheelchair Offset Strainer Cover
2 Valve & Supply Covers
- ☐ **MODEL # X4222 (2 pc. kit)**
1 P-Trap Cover,
1 Valve & Supply Cover Cover
- ☐ **MODEL # X4111**
1 P-Trap Cover
- ☐ **MODEL # X4112**
1 Valve & Supply Cover
- ☐ **MODEL # X4114**
1 Wheelchair Offset Strainer Cover



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in U.S.A.**



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SUGGESTED SPECIFICATIONS

ADA Under-Lavatory Insulating Protectors for Accessible Piping

August 1, 2016

Under-Lavatory ADA Insulating/Protectors

Insulate all exposed drainage piping including hot, cold and tempered water supplies under lavatories and sinks per ADA & IBC with **Plumberex: HANDY-SHIELD MAXX™**.

Installed Insulating Protectors shall meet ADA Department of Justice 2010 Accessible Design Standard 606.5, ICC/ANSI A117.1 sec. 606.6, or GSA & DOD's ABA 606.5. Insulating Protectors shall be listed and meet ASTM C1822 Type I, "Insulating Covers on Accessible Lavatory Piping", ASME A112 18.9, and UPC/IAPMO Standard PS 94. Insulation material shall comply with IBC (International Building Code) Flame and Smoke Testing Standard ASTM E 84-07/ UL 723 Class A. Insulation material shall be soft 1/8", non laminated flexible PVC with U/V inhibited antimicrobial, antifungal properties, with high gloss color finish matching fixture. Adhesives, and two ply laminated materials are not allowed. ASTM C177 tested "R" value of 0.504 for Thermal resistance and ASTM C518 "K" value of 0.358, Density-21.61 PCF for Thermal Conductivity. One piece fusion molded universal design for multiple P-trap configurations. Exterior surfaces shall be smooth, nonabsorbent with no finger recessed indentations to eliminate dirt and grime and for easy cleaning. Weep hole for sanitary condensation drainage and ventilation at the bottom of J-bend. Insulating Supply riser shall be min.15" in length and flexible for continuous covering of braided flexible water supplies. Dual fastening system consisting of fusion bonded Velcro fastener strips for full slit enclosure and tamper resistant, non-abrasive snap-locking fasteners. No cable tie fasteners or adhesive mounted Velcro shall be allowed.

Manufacturer: **Plumberex Specialty Products Inc. Model: HANDY-SHIELD MAXX™**

Alternate Specification

Under Lavatory/Sink Insulating protectors:

Insulate all exposed drainage piping including hot, cold and tempered water supplies under lavatories or sinks per ADA Department of Justice 2010 Accessible Design Standard 606.5 with **Plumberex: HANDY-SHIELD MAXX™**

1. Construction: 1/8 inch thick soft, non-laminated flexible PVC with antimicrobial, antifungal and UV resistant properties. Fusion molded one piece universal design for mutable P-trap configurations. Adhesives and two ply laminated materials shall not be allowed. Exterior surfaces shall be smooth and nonabsorbent with no finger recessed indentations for easy cleaning. Supply riser shall be flexible & min. 15" in length.

Insulation Material:

- a. Flame & Smoke: IBC (International Building Code) Testing Standard ASTM E 84-07/ UL 723 Class A Material
- b. Thermal Resistance a R value of 0.504 or lower when tested by ASTM C177
- c. Thermal Conductivity a K value of 0.358, Density-21.61pcf per ASTM C518
- d. Fungi resistance for interior & exterior: ASTM G21- "0" growth

2. Sanitary: Weep hole for condensation drainage and ventilation

3. Fasteners: Reusable, fusion bonded Velcro and tamper resistant snap-locking fasteners with no sharp or abrasive external surfaces. No cable tie fasteners or adhesive mounted Velcro allowed.

4. Compliance: Insulating covers shall meet ASTM C1822 Type I, Installed shall comply with ADA 2010 Accessible Design 606.6, & ICC/ANSI A117.1 606.6, ADAAG 606.5, GSA & DOD's ABA 606.5, and ASME A112 18.9, UPC/IAPMO PS 94.

5. Color: High Gloss color to match fixture. Color selected by Architect.

6. Acceptable Insulating protector

- a. **HANDY-SHIELD MAXX™ by Plumberex Specialty Products Inc.**

P.O. Box 1684, Palm Springs, CA 92263,

(800) 475-8629

www.plumberex.com

PLUMBEREX SPECIALTY PRODUCTS, INC.

SUGGESTED SPECIFICATIONS

ADA Under-Lavatory Insulating Protectors for Accessible Piping

August 1, 2016

Under-Lavatory ADA Insulating/Protectors

Insulate all exposed drainage piping including hot, cold and tempered water supplies under lavatories and sinks per ADA & IBC with **Plumberex: TRAP GEAR™**.

Installed Insulating Protectors shall meet ADA Department of Justice 2010 Accessible Design Standard 606.5, ADAAG sec. 606.5, ICC/ANSI A117.1 sec. 606.6, or GSA & DOD's ABA 606.5. Insulating Protectors shall be listed and meet ASTM C1822 Type I "Standard Specification for insulating covers on Accessible Piping", ASME A112 18.9, UPC/IAPMO Standard PS 94. Insulation material shall comply with IBC (International Building Code) Flame and Smoke Testing Standard ASTM E 84-07/ UL 723 Class A Insulation material shall be soft 1/8", non-laminated inherent, flexible PVC with U/V inhibited antimicrobial, antifungal properties, with high gloss color finish matching fixture. Adhesives, sewing threads, and two ply laminated materials are not allowed. ASTM C177 tested "R" value of 0.504 for Thermal resistance and ASTM C518 "K" value of 0.358, Density-21.61 PCF for Thermal Conductivity. One piece fusion molded and Trim fit design for tubular shall have smooth, nonabsorbent exterior surfaces with no finger recessed indentations for cleaning maintenance. Weep hole for sanitary condensation drainage and ventilation at the bottom of J-bend. Insulating Supply riser shall be min.15" in length and flexible for continuous covering of braided flexible water supplies. Dual fastening system consisting of fusion bonded Velcro fastener strips for full slit enclosure and tamper resistant, non-abrasive snap-locking fasteners. No cable tie fasteners or adhesive mounted Velcro allowed.

Manufacturer: Plumberex Specialty Products Inc. Model: TRAP GEAR™

Alternate Specification

Under Lavatory/Sink Insulating Protectors:

Insulate all exposed drainage piping including hot, cold and tempered water supplies under lavatories or sinks per ADA & IBC with **Plumberex TRAP GEAR™**

1. Construction: 1/8 inch thick soft, non-laminated flexible PVC with antimicrobial, antifungal and UV resistant properties. Fusion molded one piece design for 1 1/4 tubular. Adhesives, sewing threads and two ply laminated materials shall not be allowed. Supply riser shall be min.15" in length and flexible. Exterior surface shall be smooth with no finger recessed indentations.

Insulation Material:

- a. Flame & Smoke: IBC (International Building Code) Testing Standard ASTM E 84-07/ UL 723 Class A Material
- b. Thermal Resistance a R value of 0.504 or lower when tested by ASTM C177
- c. Thermal Conductivity a K value of 0.358, Density-21.61pcf per ASTM C518
- d. Microbial,& Fungal resistance for interior & exterior: ASTM G21-0 growth

2. Sanitary: Weep hole for condensation drainage and ventilation

3. Fasteners: Reusable, fusion bonded Velcro and tamper resistant snap-locking fasteners with no sharp or abrasive external surfaces. No Cable tie fasteners allowed.

4. Compliance: Insulating covers shall meet ASTM C1822 Type I, Installed shall comply with ADA Department of Justice 2010 Accessible Design Standard 606.5, ADAAG 606.5, GSA & DOD's ABA 606.5, ICC/ANSI A117.1 606.6 and ASME A112 18.9, UPC/IAPMO PS 94.

5. Color: High Gloss color to match fixture. Color selected by Architect.

6. Acceptable Insulating protector:

- a. **TRAP GEAR™ by Plumberex Specialty Products Inc.**

P.O. Box 1684, Palm Springs, CA 92263,

(800) 475-8629

www.plumberex.com

PLUMBEREX SPECIALTY PRODUCTS, INC.

SUGGESTED SPECIFICATIONS

ADA Under-Lavatory Insulating Protectors for Accessible Piping

August 1, 2016

Under Lavatory ADA Pipe & Supply Insulating Cover:

Insulate all exposed drainage piping including hot, cold and tempered water supplies under lavatories or sinks with Plumberex Pro-Extreme. Installed insulating cover shall meet ADA Department of Justice 2010 Accessible Design Standard 606.5, ADAAG 606.5, ASME A112 18.9, ICC/ANSI A117.1 606.6, or GSA & DOD's ABA 606.5. Insulating Cover shall be listed and meet ASTM C1822 Type III "Standard Specification for Accessible insulating covers", ASME A112 18.9, and UPC/IAPMO Standard PS 94. Insulating Cover material to be 1/8" thick PVC with antimicrobial, antifungal and U/V inhibited properties. One piece injected molded design for 11/4"-11/2" tubular, shall have smooth, nonabsorbent exterior surfaces with high gloss finish. Cover shall have Thermal properties to protect from hot & cold contact. To eliminate dirt and grime build up and for cleaning maintenance, exterior surfaces shall be smooth with no finger recessed indentations. Valve & Supply Cover shall be accessible for maintenance without removal, and with removable reusable, access cap. Secure with Non-abrasive Self-Locking Snap Fasteners. Insulating cover shall have an Internal Bridge at top of J-bend to support cover installation from separating. Dual drainage holes for condensation drainage and ventilation in P-trap and Valve & Supply covers. Internal lines grooves for trimming shall be Vandal resistance and not be manufactured to easily tear by hand, all trim lines shall require tool cutting only. No cable tie fasteners allowed.

Manufacturer: Plumberex Specialty Products Inc. Model: PRO-EXTREME™

Alternate Specification

Under Lavatory ADA Pipe & Supply Cover:

Insulate all exposed drainage piping including all hot, cold and tempered water supplies under lavatories or sinks per ADA with
Plumberex Model: PRO-EXTREME™

1. Construction: 1/8 inch PVC with antimicrobial, antifungal and UV resistant properties, One Piece injected molded design with internal bridge at top of J-bend to prevent separating.
2. Fasteners: Reusable, snap-locking fasteners with no sharp or abrasive external surfaces. No cable ties allowed.
3. Maintenance: Valve & supply cover shall be accessible for maintenance without removal and with removable, reusable access cap.
4. Compliance: Insulating cover shall meet ASTM C1822 Type III. Installed cover shall comply with ADA Department of Justice 2010 Accessible Design Standard 606.5, ADAAG 606.5, GSA & DOD's ABA 606.5, ASME A112 18.9, and ICC/ANSI A117.1
5. Sanitary: Dual drainage holes for condensation drainage and ventilation.
6. Vandal resistance: Internal lines grooves for trimming shall not be easily to tear by hand, all trim line grooves shall require tool cutting only.
7. Color: High Gloss White
8. Acceptable Pipe & Supply Cover:

a. **Pro-Extreme by Plumberex Specialty Products, Inc.**

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