About
This condensed catalog is designed to introduce you to some of the Pemko products that are available. There are many Pemko products that are not included in this catalog. Please visit our website www.pemko.com to view the complete product line. Catalogs and other information is available for download. Call Pemko Customer Service at 1-800-824-3018 for additional information and technical service.

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PemkoHinge® Continuous Geared Hinges

A PemkoHinge® consists of two full-height, paired and geared leaves. Each geared leaf rotates evenly from top to bottom riding on proprietary polymer blended bearings. The geared leaves and bearings are held together by a full-length channel cap. This assembly retains the smooth, clean lines of the door and frame, while easily supporting heavy vertical loads.

Electrical Modifications:
The cycle performance of the electrically modified hinge has been vastly improved. Performance testing has shown that 3,000,000+ cycles can now be achieved using Pemko’s exclusive polyurethane-coated 4, 8, or 12 TRI-FLEX titanium copper alloy cables. Each cable is capable of carrying 6 amps continuous or 16 amps in-rush @ 24-volts for 820 milliseconds. When ordering, please use the “shorthand code.” For example, if you require a Clear Anodized heavy-duty Full-Mortise hinge at 83” with Quick Connect transfer - 4-wire, modified 36½” from the top, right hand, you would order a CFM83HD1 x QC4 @ 36½” - RH.

Serviceable/Removable (SER) Module:
The hinge is furnished to be installed in three sections allowing the current carrying cable to be serviced or replaced without removing the door from the frame. Additionally, the SER option allows the current carrying cables to be safely stored or delivered to the electrician or security contractor prior to the installation of the electrified hardware, eliminating the necessity of the electrician or security contractor being present when the doors are being hung.

Full-Mortise Hinges - Standard
- Full-Mortise units are designed mainly for new door applications and are applied to conceal both leaves

Standard

Full Mortise

Short Leaf Flush

Full Mortise

Short Leaf Inset

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see FULL LINE CATALOG or WEBSITE for finish chart)
C (Clear Anodized)  D (Dark Bronze Anodized)  G (Gold Anodized)  SN (Satin Nickel Anodized)
BL (Black Anodized) and PW (Painted White) are special finishes available upon request.

800-824-3018 | www.pemko.com
Check the web site for the up-to-date catalog
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PemkoHinge® Continuous Geared Hinges (Cont.)

Full-Mortise Hinges - Wide Throw
- Wide Throw Full-Mortise units are designed mainly for new door applications that require extra clearance due to special frame, door or wall design, and are applied to conceal both leaves
- More clearance between the door and frame allows your door to open 180°
- Available only in heavy duty to support larger doors

Wide Throw
WT_FM
AVAILABLE FINISHES:
C, D, G

Half-Surface Hinges - Standard
- Half-Surface units are designed mainly for retrofit work and are applied to the exposed surface of the door and the frame rabbet
- Designed for use with hollow metal frames, where the inset conforms to S.D.F specifications for aligning doors and frames
- Designed for retrofit applications. Allows for adjustments in order to properly align edge of the door to the frame

Half Surface
_HS_
AVAILABLE FINISHES:
BL, C, D, G,
PW, SN

Full-Surface Hinges - Standard
- Full-Surface units are designed mainly for retrofit work and are applied to the exposed surfaces of the door and frame

Full Surface
_FS_
AVAILABLE FINISHES:
BL, C, D, G,
PW, SN

Full-Surface Hinges - Balanced Pivot
- Allows for easy replacement from butt hinges as the pivot point remains the same
- No template adjustments are needed for existing door opening/closing devices

Full Surface
_FS_BP_
AVAILABLE FINISHES:
BL, C, D,
PW, SN

Center Pivot
_FS_CP_
AVAILABLE FINISHES:
BL, C, D, G,
PW, SN

Available finishes for products shown on this page (see FULL LINE CATALOG or WEBSITE for finish chart)
C (Clear Anodized)  D (Dark Bronze Anodized)
G (Gold Anodized)  BL (Black Anodized)
PW (Painted White)  SN (Satin Nickel Anodized)
are special finishes available upon request.
Markar Continuous Hinges

Most door and frame stress is put on the top of conventional hinge systems. A continuous hinge spreads the stress along the full length of the door and frame.

Why Continuous Hinges?

Did you know that on a door with traditional butt hinges, 70% of the door weight is on the top hinge? The top hinge also bears the brunt of abuse when doors are opened beyond the stop device, resulting in kickback shock and eventual failure of the hinge and damage to the frame. This is why continuous hinges are recommended for heavy doors and for situations where doors are exposed to misuse.

Continuous hinges reduce the factors leading to hinge failure by distributing weight evenly so wear and tear to the frame and door is reduced significantly. In addition, continuous hinges:

- Increase security and reduce vandalism by preventing insertion of devices between the door and frame.
- Ease installation by providing simple alignment of electrical transfers and monitoring switches.
- Reduces air infiltration by creating a complete seal from top to bottom of the door at the hinge jamb.

There are over 75 different Markar hinge models to choose from offering a variety of configurations, options, and materials.

Markar FM3500 Edge Mount Security Hinge

This edge mount pin and barrel type hinge is fabricated with extra-heavy duty components for use on high traffic, high abuse doors. The hinge is specially designed and well suited for correctional facilities and other high security locations using up to 2½" thick swing-type doors. Prison doors, gates, extremely tall doors and extra heavy doors are all good candidates for Markar's 3500 Security Hinge.

Markar FM300 Edge Mount Hinge

This edge-mounted pin & barrel hinge is used on many of today's high traffic, high abuse doors. The hinge works well in locations that would normally call out for anchor hinges, pivot reinforcement hinges or thrust pivot unit and hinge sets. This hinge saves on special door and frame preparation charges and makes the installer's job easier. It can be used on both fire labeled and non-labeled openings.

Markar HG3505 Adjustable Hinge Guard

The integral hinge guard protects the door from dings and gouges from carts and gurneys while providing clean lines and aesthetic appearance. Our HG products also have fire ratings up to and including 3 hours.
Markar Continuous Hinges (Cont.)

Markar HG305 Adjustable Hinge Guard

The integral hinge guard protects the door from dings and gouges from carts and gurneys while providing clean lines and aesthetic appearance. Our HG products also have fire ratings up to and including 3 hours. Not only that, but the wrap-around edge guard protects the door from unsightly dents and gouges and will deflect objects, preventing further damage.

Markar EG308 Adjustable Edge Guard

This fire-labeled edge guard is used in conjunction with the HG305 Hinge/Guard for a balanced aesthetic look. It also provides protection for the leading edge of the door.

Markar FM900 Edge Mount

Ideal for damp or corrosive environments, Markar’s stainless steel toilet partition hinge adds years of life to your high-quality partition.
### Commercial Thresholds

#### Half Saddle Thresholds
- See full line catalog or website for full half saddle product offering

**274**
**AVAILABLE FINISHES:**
A, B, D, G
ANSI (aluminum): J33100, J33130, J33133
ANSI (brass): J13100, J13130, J13133

**2755**
**AVAILABLE FINISHES:**
A, D, G
ANSI (aluminum): J33100

**253**
**AVAILABLE FINISHES:**
A, B, D, G
ANSI (aluminum): J33100, J33130
ANSI (brass): J13100, J13130

**2555**
**AVAILABLE FINISHES:**
A, D, G
ANSI (aluminum): J33100

**566**
**AVAILABLE FINISHES:**
A, D
ANSI (aluminum): J33100, J33130
- Offset Half Saddle

**766**
**AVAILABLE FINISHES:**
A, D
ANSI (aluminum): J33100, J33130
- Offset Half Saddle

### Offset Saddles

**158**
**AVAILABLE FINISHES:**
A, D, G
ANSI (aluminum): J32100, J32130, J32138, J32180

**1571**
**AVAILABLE FINISHES:**
A, D
ANSI (aluminum): J32100, J32180, J33100

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*2555 can be combined with other half saddles on one or both sides. If combined only on one side, the opposite side should be mounted flush with an existing offset. Either stated application is required for this to be ADA-compliant.*
Commercial Thresholds (Cont.)

- Unless exact net cut is specified, thresholds less than 48" are supplied 1/2" over length, and thresholds 48" and over are supplied 1" over length to allow for fitting.
- Unless otherwise specified, all thresholds are pre-drilled on the center line and are supplied with fasteners. Thresholds 8" in width or greater are supplied with two rows of fastener holes.
- For corrosive environments, stainless steel screws are available at an extra cost.
- Available with PemKote® non-skid coating. Please specify PemKote® when ordering. Please furnish drilling instructions when ordering with PemKote® as it is difficult to drill through.

Saddle Thresholds

171
AVAILABLE FINISHES: A, B, BDG, D, G, SN

172
AVAILABLE FINISHES: A, B, D, G, SN

176
AVAILABLE FINISHES: A, B, D, G

270
AVAILABLE FINISHES: A, B, D, G

271
AVAILABLE FINISHES: A, B, D, G, SN

272
AVAILABLE FINISHES: A, B, D, G, SN

2548
AVAILABLE FINISHES: A, D, G

2748
AVAILABLE FINISHES: A, D, G

2749
AVAILABLE FINISHES: A, D, G

171
5"
(127mm)
1/2"
(3.18mm)

172
6"
(152.4mm)
1/2"
(3.18mm)

176
7"
(177.8mm)
1/2"
(3.18mm)

270
4"
(101.6mm)
1/4"
(6.35mm)

271
5"
(127mm)
1/2"
(3.18mm)

272
6"
(152.4mm)
1/4"
(6.35mm)

2548
8"
(203.2mm)
1/2"
(3.18mm)

2748
9"
(228.6mm)
1/4"
(6.35mm)
Commercial Thresholds (Cont.)

Stainless Steel Saddle Thresholds

- 11ga 430 Stainless Steel with #4 Brushed Finish
- Stainless Steel Thresholds are available in 36", 48", 72", 96" and 120" lengths only.

**154SS**
Available
Finishes:
SS (#4 Finish)

**175SS**
Available
Finishes:
SS (#4 Finish)

**253SSFG**
Available
Finishes:
SS (#4 Finish)

**252x3SSFG**
Available
Finishes:
SS (#4 Finish)

Heavy Duty Thresholds

- Ideal for heavy-duty, high-traffic and high weight-bearing applications, such as industrial facilities, schools, cafeterias, manufacturing buildings and hospitals
- Withstands coastal and high-humidity conditions
- Ultra-durable, extra thick extruded nickel-aluminum construction is guaranteed for ten (10) years

**2715_**
Available
Finishes:
A, AK, D

**1715_**
Available
Finishes:
A, AK, D

**252x3SSFG**
Available
Finishes:
SS (#4 Finish)

Modular Heavy Duty Thresholds

- Modular construction without the expense of custom cast thresholds.
- Available in incremental width additions to accommodate a variety of applications (in 1" increments)

**1717_**
Available
Finishes:
A, AK, D
Allow 5/16" door clearance.

**1718_**
Available
Finishes:
A, AK, D
Allow 5/16" door clearance.

All items on this page are available with PemKote™ non-slip coating (see General Information section). Please specify "PemKote™" when ordering. Please furnish drilling instructions when ordering PemKote™ as it is difficult to drill through this coating.
Thermal Barrier Saddles
Black rigid polypropylene key between extrusions provides a thermal barrier (designated by “FG” Frost Guard following finish code)

273x3_FG
AVAILABLE FINISHES: A, B, D, G

273x4_FG
AVAILABLE FINISHES: A, B, D, G

254x4_FG
AVAILABLE FINISHES: A, B, D, G

255x5_FG
AVAILABLE FINISHES: A, B, D, G

252x2_FG
AVAILABLE FINISHES: A, B, D, G

252x3_FG
AVAILABLE FINISHES: A, B, D, G

253x4_FG
AVAILABLE FINISHES: A, B, D, G

Flexible Threshold
- Flexible PemkoPrene® joint allows threshold to bend up to 20-degrees in either direction
- Joint design allows for width to extend up to 1/4”
- Designed for a variety of applications (i.e. ramp, expansion joint cover, etc)

573x5_FG
AVAILABLE FINISHES: A, D
Commercial Thresholds (Cont.)

Latching Panic Exit Saddle Thresholds

- Used in conjunction with surface applied vertical rod exit device, or as a stop and a seal at the bottom of a door.
- Also available with Eco-V® or Pile Seals; test ratings vary. Please see full line catalog or web.

2006_T
AVAILABLE
FINISHES:
A, D, G
Allow ⅜" door clearance.

179_T
AVAILABLE
FINISHES:
A, B, D, G
Allow ⅝" door clearance.
ADA compliant when butted to another flooring surface ⅛" or higher.

2009_PK
AVAILABLE
FINISHES:
A, D
Allow ⅛" door clearance.

Latching Panic Exit Saddle Thresholds - Thermal Barrier

- Black rigid polypropylene key between extrusions provides thermal barrier (designated by “FG” Frost Guard following finish code)
- Used in conjunction with surface-applied vertical rod exit device, or as a stop and a seal at the bottom of door
- These units are not welded

252x226_FGT
AVAILABLE
FINISHES:
A, B, D, G
Allow ⅜" door clearance.

254x226_FGT
AVAILABLE
FINISHES:
A, B, D, G
Allow ⅝" door clearance.

273x224_FGT
AVAILABLE
FINISHES:
A, D, G

279x292_FGPK
AVAILABLE
FINISHES:
A, D

available finishes for products shown on this page (see full line catalog or website for finish chart)
A (Mill Finish Aluminum)  B (Mill Finish Extruded Bronze [Brass])  D (Dark Bronze Anodized)  G (Gold Anodized)
NOTE: G is available with limited inventory
800-824-3018 | www.pemko.com
Check the web site for the up-to-date catalog

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Commercial Thresholds (Cont.)

Eco-V® Thresholds

- Eco-V® thresholds create an ideal transition where two different pieces of carpet meet or carpet meets another surface under a door
- Ideal for use in any high-traffic commercial installation, such as hotels and offices
- Eco-V® thresholds are manufactured of slightly softer material than competitive products. This aids in the cutting and fitting of the threshold and facilitates easier insertion of the carpet into the holding cavities on the carpet side(s) of the threshold
- Eco-V® thresholds are designed to work in conjunction with Pemko’s 2173_V and 2343_V door shoes
- EV232_, EV2325_ and ADJ232V thresholds have been tested and approved under ADAAG-2010 (Amended); ICC/ANSI A117.1 and California Building Code, Title 24 for Barrier-Free Entry

**EV232**
AVAILABLE
COLORS: BL, D
AVAILABLE LENGTHS: 36", 48", 73"

Serves as a transition where two pieces of carpet meet beneath an interior door.

**EV2320**
AVAILABLE
COLORS: BL
AVAILABLE LENGTHS: 36", 48", 73"

Serves as a transition where carpet meets concrete beneath an interior or exterior door.

**EV2325**
AVAILABLE
COLORS: BL, D
AVAILABLE LENGTHS: 36", 48", 73"

Serves as a transition where carpet meets tile beneath an interior door.

**EV2322**
AVAILABLE
COLORS: BL
AVAILABLE LENGTHS: 36", 48", 73"

Serves as a transition where carpet meets tile beneath an interior door.

Adjustable Assembly Thresholds

**ADJ232V8**
AVAILABLE
FINISHES: BL, D
AVAILABLE LENGTHS: 36", 48", 73"

Available finishes for products shown on this page (see full line catalog or website for finish chart)

BL (Black) D (Dark Brown)

Available finishes for products shown on this page (see full line catalog or website for finish chart)

BL (Black) D (Dark Brown)
Modular Ramps

- Assemblies accommodate 1/2" to 2 1/4" floor offsets in meeting the 1:12 slope requirements of the "Americans with Disabilities Act". Even higher offsets can be accommodated by using the risers, RAMP13 and RAMP14.
- "MR" in a product number denotes that one-pair of miter returns (and one-pair of miter return extenders, if applicable) are included. Otherwise, we recommend filling and feathering the threshold ends with grout. Do not leave threshold ends open.
- Miter Returns are available for offsets up to 2 1/4". Larger offsets will require filling with additional material (not supplied) at the points where the offset is larger than 2 1/4".
- Assemblies are supplied with #10 stainless steel wood screws. Stainless steel machine screws and expansion shields are available at an extra cost.
- Assemblies allow for custom fabrication (i.e. notching); please consult Pemko Customer Service.
- Assemblies are provided NET length.

How To Order

- Parts accommodation table

Modular Ramp Threshold Assemblies - Flush Applications
R1F_
R1FMRAK

AVAILABLE FINISHES:
A, AK

Modular Ramp Threshold Assemblies Offset Applications (7" Top Plate)
R.5OS_
R.5OSMR_

AVAILABLE FINISHES:
A, AK

Modular Ramp Threshold Assemblies Offset Applications (3 1/2" Top Plate)
R.75OSS_
R.75OSSMR_

AVAILABLE FINISHES:
A, AK

Recycled Rubber Ramp Assembly

<table>
<thead>
<tr>
<th>PART #</th>
<th>WIDTH &quot;A&quot; (door opening)</th>
<th>WIDTH &quot;B&quot; (total width)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RR1.25FMR36</td>
<td>36&quot;</td>
<td>41&quot;</td>
</tr>
<tr>
<td>RR1.25FMR48</td>
<td>48&quot;</td>
<td>53&quot;</td>
</tr>
<tr>
<td>RR1.25FMR60</td>
<td>60&quot;</td>
<td>65&quot;</td>
</tr>
<tr>
<td>RR1.25FMR72</td>
<td>72&quot;</td>
<td>77&quot;</td>
</tr>
<tr>
<td>RR1.25FMR96</td>
<td>96&quot;</td>
<td>101&quot;</td>
</tr>
</tbody>
</table>

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see FULL LINE CATALOG or WEBSITE for finish chart)

A (Mill Finish Aluminum)  AK (Mill Finish Aluminum with Pemkote™ Non-Slip Coating)

ASSA ABLOY
The global leader in door opening solutions
Door Bottoms

Automatic Door Bottoms

- Self-leveling design; drop leads on plunger side and then levels out across its length across door length
- Adjusts between $\frac{1}{8}$" and $\frac{3}{4}$". Maximum dimension between door bottom rail and floor surface is $\frac{1}{4}$".

4131_RL
Available finishes: BDG, C, D, SN

4131_NBL
Available finishes: BDG, C, D, SN

4301_RL
Available finishes: C, D

434_NBL
Available finishes: C, D

434_RL
Available finishes: A

ALTERNATE INSERTS FOR 4131

4131_PKL
Available finishes: BDG, C, D, SN

4131_SL
Available finishes: BDG, C, D, SN

ALTERNATE INSERT FOR 4301

4301_PKL
Available finishes: C, D

ALTERNATE INSERT FOR 434

434_PKL
Available finish: A

Available finishes for products shown on this page (see full line catalog or website for finish chart):
- A (Mill Finish Aluminum)
- BDG (Bright Dip Gold Anodized)
- C (Clear Anodized)
- D (Dark Bronze Anodized)
- SN (Satin Nickel Anodized). Special finishes available upon request.
Door Bottoms (Cont.)

Automatic Door Bottoms
- Adjusts between $\frac{3}{8}$" and $\frac{3}{4}$". Maximum dimension between door bottom rail and floor surface is $\frac{3}{8}$" except where noted.

411_RL
AVAILABLE
FINISHES:
A

411_NBL
AVAILABLE
FINISHES:
A

420_PKL
AVAILABLE
FINISHES:
A
For hollow metal doors. Maximum drop is 1/2".

Acoustic Automatic Door Bottoms: PDB Series
- Unique design creates uniform seal pressure across the entire door bottom resulting in superior acoustic performance
- PDB Series has “sealed-in-place” type performance, achieving zero decible drop in STC ratings in many typical wood and hollow metal door applications.
- US Patent No 8,925,250 B2
- Bar adjustment is 1/8" to 1/2". Maximum dimension from bottom of door to sealing surface is 1/2"

PDB411_E
AVAILABLE
FINISHES: 
A

PDB4131_E
AVAILABLE
FINISHES: 
C, D
Door Bottoms (Cont.)

Door Shoes

- Where door bottoms are noted with both PemkoPrene® (PK) and Eco-V® (V) seals, these options have the same profile
- Slotted holes for easy adjustment
- Rain drip model is ideal for deflecting rain away from the bottom of door

**211_V**
**211_PK**
AVAILABLE FINISHES: A, D, G

**225_V**
**225_PK**
AVAILABLE FINISHES: A, D, G

**2170_V**
AVAILABLE COLORS: D, W
AVAILABLE LENGTHS: 36”, 48”
All Vinyl
Also available with unnotched insert: 2170_V36UN 2170_V48UN

**2343_V**
AVAILABLE FINISHES: A, D, G
Also available with unnotched insert: 2343_V36UN 2343_V48UN

**234_V**
**234_PK**
AVAILABLE FINISHES: A, D, G

**2113_V**
**2251_V**
**2211_V**
**2213_PK773**
**3692_PK773**
AVAILABLE FINISHES: A, D, G

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see FULL LINE CATALOG or WEBSITE for finish chart)

A (Mill Finish Aluminum) BDG (Bright Dip Gold Anodized) D (Dark Bronze Anodized)
G (Gold Anodized) PW (Painted White) SN (Satin Nickel Anodized)
Astragals and Meeting Stiles

Split Astragals and Meeting Stile Gasketing

- Astragals and meeting stiles may be mounted on pairs of doors wherein the gap meets the requirements of NFPA 80, “The clearance between the meeting edges of doors swinging in pairs on the pull side shall be \( \frac{1}{8} \pm \frac{1}{16} \) (3.18mm ± 1.59mm) for steel doors and shall not exceed \( \frac{1}{8} \) (3.18mm) for wood doors.”
- When used as split astragals on double doors, two lengths must be ordered: one for each door
- Punched with slotted holes for adjustment

Door Bottoms (Cont.)

Door Bottom Sweeps

315_N
AVAILABLE
FINISHES:
B, BDG, C, D, G,
PW, SN

321_N
AVAILABLE
FINISHES:
C, D, G

3151_N
AVAILABLE
FINISH:
C, D, G

3452_NB
AVAILABLE
FINISHES:
BDG, C, D, G,
PW, SN

345_NB
AVAILABLE
FINISHES:
A, BDG, D, G,
PW

345_V
345_PK
AVAILABLE
FINISHES:
A, BDG, D, G,
PW

3452_NB
AVAILABLE
FINISHES:
BDG, C, D, G,
PW, SN

345_NB
AVAILABLE
FINISHES:
A, BDG, D, G,
PW

Eco-V®

3452_NB
AVAILABLE
FINISHES:
BDG, C, D, G,
PW, SN

345_NB
AVAILABLE
FINISHES:
A, BDG, D, G,
PW

3452_NB
AVAILABLE
FINISHES:
BDG, C, D, G,
PW, SN

345_NB
AVAILABLE
FINISHES:
A, BDG, D, G,
PW

ALTERNATE INSERTS

297_PK
297_V

303_PK
303_V

ALTERNATE INSERTS

29310_PK
29310_P
29310_V

3151_N
AVAILABLE
FINISH:
C, D, G

3452_NB
AVAILABLE
FINISHES:
BDG, C, D, G,
PW, SN

345_NB
AVAILABLE
FINISHES:
A, BDG, D, G,
PW

ALTERNATE INSERTS

297_PK
297_V

303_PK
303_V

ALTERNATE INSERTS

29310_PK
29310_P
29310_V

3151_N
AVAILABLE
FINISH:
C, D, G

3452_NB
AVAILABLE
FINISHES:
BDG, C, D, G,
PW, SN

345_NB
AVAILABLE
FINISHES:
A, BDG, D, G,
PW

ALTERNATE INSERTS

297_PK
297_V

303_PK
303_V

ALTERNATE INSERTS

29310_PK
29310_P
29310_V

A (Mill Finish Aluminum)
B (Architectural Bronze [Brass])
BDG (Bright Dip Gold Anodized)
C (Clear Anodized)
D (Dark Bronze Anodized)
G (Gold Anodized)
PW (Painted White)
SN (Satin Nickel Anodized)

800-824-3018 | www.pemko.com

Check the web site for the up-to-date catalog

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Astragals and Meeting Stiles (Cont.)

Adjustable Astragals
- When used as split astragals on double doors, two lengths must be ordered: one for each door
- Available in 84", 96" and 120" lengths
- 351 is surface applied, a full mortise option is also available

NOTE: If you require split astragals in a metal-to-gasket configuration, you must order each leaf separately with your choice of insert.

Overlapping and “T” Astragals
Brush Gasketing

- All brush seals consist of densely compressed nylon filaments encased in high quality aluminum retainers. These products are ideally suited for hollow metal and wood door (in-door sweep, jamb/header gasketing, and split astragal) applications. Also use Pemko’s brush weatherstripping products on overhead doors, sectional doors, sliding doors, and automatic doors
- All brush seals greatly reduce the infiltration of light, air, wind, rain, and snow; prevent heat loss; control the penetration of smoke and fumes
- Brush remains flexible down to -40°F and has a melting point above 400°F
- UV stabilized, dependable, long-lasting, cost-effective
- Punched with slotted holes for adjustment (except 35° angle types which are drilled with 1/8” hole)

### 45° Aluminum Retainers

<table>
<thead>
<tr>
<th>45041_NB</th>
<th>AVAILABLE FINISHES: C, D, G, PW</th>
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<tbody>
<tr>
<td>45061_NB</td>
<td>AVAILABLE FINISHES: C, D, G, PW</td>
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<tr>
<td>45062_NB</td>
<td>AVAILABLE FINISHES: C, D, G, PW</td>
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</table>

### 35° Aluminum Retainers

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<th>35041_NB</th>
<th>AVAILABLE FINISHES: C, D</th>
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</thead>
<tbody>
<tr>
<td>35061_NB</td>
<td>AVAILABLE FINISHES: C, D</td>
</tr>
</tbody>
</table>

---

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see FULL LINE CATALOG or WEBSITE for finish chart)

C (Clear Anodized)  D (Dark Bronze Anodized)  G (Gold Anodized)  PW (Painted White)
Brush Gasketing (Cont.)
180° Aluminum Retainers

18400_NB
AVAILABLE FINISHES:
C, D, G

18250_NB
AVAILABLE FINISHES:
C, D, G

18175_NB
AVAILABLE FINISHES:
C, D, G

18100_NB
AVAILABLE FINISHES:
C, D, G, PW

18062_NB
AVAILABLE FINISHES:
C, D, G, PW

18061_NB
AVAILABLE FINISHES:
C, D, G

18041_NB
AVAILABLE FINISHES:
C, D, G, SN

Mortise Retainers

5061_NB
AVAILABLE FINISHES:
A

5025_SB
AVAILABLE FINISHES:
A

180° Concealed Fastener Retainers

293100_NB
AVAILABLE FINISHES:
C, D

29324_NB
AVAILABLE FINISHES:
C, D, G

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see FULL LINE CATALOG or WEBSITE for finish chart)
A (Mill Finish Aluminum)  C (Clear Anodized)  D (Dark Bronze Anodized)  G (Gold Anodized)  PW (Painted White)
SN (Satin Nickel Anodized)
### Perimeter Gasketing

#### Adjustable Jamb Weatherstrip

**379_S**  
AVAILABLE FINISHES: C, D, G  
ADDITIONAL INSERTS: PK, R

**350_SR**  
AVAILABLE FINISHES: C, D, G

**350_SPK**  
AVAILABLE FINISHES: C, D, G

**322_SPK**  
AVAILABLE FINISHES: C, D, G

#### Standard Perimeter Gasketing

**303_S**  
AVAILABLE FINISHES: A, BDG, C, D, G, PW, SN

**303_PK**  
ALTERNATE INSERTS: PK, V, P

**29310_S**  
AVAILABLE FINISHES: C, D, G  
ADDITIONAL INSERTS: V, P, PK

**297_S**  
AVAILABLE FINISHES: A, BDG, D, G, PW, SN

**306_V**  
AVAILABLE FINISHES: A, BDG, D, G, PW, SN

**306_V**  
AVAILABLE FINISHES: A, BDG, D, G, PW, SN

**297_S**  
AVAILABLE FINISHES: A, BDG, D, G, PW, SN

**312_R**  
AVAILABLE FINISHES: C, D, G

**303_V**  
ALTERNATE INSERTS: V, P, PK

Note: Alternate Inserts May Carry Different Ratings. See Full Line Catalog or Website For More Information.
Perimeter Gasketing (Cont.)

Heavy Duty - Standard Jamb

All gasketing shown below is sold individually

### 290_PK
AVAILABLE FINISHES: A, D, G

### 2902_V
AVAILABLE FINISHES: A, D, G

### 2903_V
AVAILABLE FINISHES: A, D, G

### 29045_NB
AVAILABLE FINISHES: A, D, G

Solid Sections for Hardware Mounting - Head Section

All gasketing shown below is sold individually

### 2891_S
AVAILABLE FINISHES: A, D, G
ADDITIONAL INSERTS: V, PK

### 2892_V
AVAILABLE FINISHES: A, D

### 2893_V
AVAILABLE FINISHES: A, D

### 28945_NB
AVAILABLE FINISHES: A, D, G

Acoustic Corner Pad

ACP112_
AVAILABLE COLORS:
BL, W

Note: Alternate Inserts May Carry Different Ratings. See Full Line Catalog Or Website For More Information.

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see FULL LINE CATALOG or WEBSITE for finish chart)
A (Mill Finish Aluminum)  D (Dark Bronze Anodized)  G (Gold Anodized)
Corner Pads: BL (Black)  W (White)

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Adhesive Gasketing

MicroShield® Antimicrobial Gasketing

- Extruded from high-temperature silicone with MicroShield®, a silver-based antimicrobial additive
- Effective between -58°F and 450°F
- Self-extinguishing and non-toxic
- Unaffected by sunlight, ozone and ultraviolet rays
- Exceeds the requirements for Antimicrobial Test JIS-Z-2801

### SiliconSeal™ - Adhesive Backed Fire/Smoke Gasketing

- S44 is designed for tighter frames and demonstrates extremely low closing force
- S44 and S88 are available with perforations along length for behavioral health applications

**S44**
- AVAILABLE FINISHES: BL, C, D, GR, W

**S88**
- AVAILABLE FINISHES: BL, C, D, GR, TAN, W

**S77**
- AVAILABLE FINISHES: BL, C, D, W

**S773**
- AVAILABLE FINISHES: BL, D, GR, W
- AVAILABLE LENGTHS: 17', 18', 20', 21', 25', 30', 250', 500'

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**MicroShield®**

As part of their promise to provide innovative solutions to their customers, certain ASSA ABLOY Group brands offer the MicroShield® technology, a silver-based antimicrobial additive designed to inhibit the growth of bacteria.

MicroShield® is a registered trademark of Yale Security Inc., an ASSA ABLOY Group company.

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**Notes For All Adhesive Gasketing:**

Storage and shelf life: All adhesive gaskets have a limited shelf life. This product must be installed within 6 months of purchase and must be stored between 50°F and 100°F.

Before installing: Thoroughly clean the frame to remove grease, dust or cleanser build-up (cleansing towelettes are included with product). Painted frame surface must be completely dry. Some hospital environments have wax or anti-bacterial cleanser build-up. As an alternative or substitute cleanser, use isopropyl (rubbing) alcohol. Note: Mineral spirits or other petroleum based cleaning products should NOT be used.
Adhesive Gasketing (Cont.)

Pemko Prene® - Adhesive Backed Fire/Smoke Gasketing

PK33
- AVAILABLE FINISHES: BL, D, W

PK55
- AVAILABLE FINISHES: BL, D, W

Hot Smoke Seal Edge Sealing for Category B Doors

HSS1000 is a non-adhesive backed (mortise applied) intumescent

HSS2000
- AVAILABLE FINISHES: BL, D, W

Hot Smoke Seal/SiliconSeal Combination Fire/Smoke Gasketing

- Material is supplied in three lengths: one for each jamb and one for the header. When ordering, order by door size (i.e. 3684 or 3/0x7/0) as some lengths can be supplied in more than one opening size combination.

HSS2000xS44
- AVAILABLE FINISHES: BL, C, D, GR, W
- AVAILABLE LENGTHS: 18’, 20’, 21’, 24’

HSS2000xS88
- AVAILABLE FINISHES: BL, C, D, GR, TAN, W
- AVAILABLE LENGTHS: 18’, 20’, 21’, 24’

Adhesive Astragal/Meeting Stile Seals

S771
- AVAILABLE FINISHES: BL, C, D, GR, W
- AVAILABLE LENGTHS: 7’, 8’, 9’, 10’

S772
- AVAILABLE FINISHES: BL, C, D, GR, W
- AVAILABLE LENGTHS: 7’, 8’, 9’, 10’

S771x6
- AVAILABLE FINISHES: BL, C
- AVAILABLE LENGTHS: 7’, 8’, 9’, 10’

Hospitality Products

Privacy Door Latch Bracket

- For use on Dunbartan, Reddiframe, and Timely Frames
- Available in a paint-grade galvanized steel or a US10B finish

PDLBRKT
- AVAILABLE COLORS: Blank (Galvanized Steel), 10B (Dark Brown)

Privacy Door Latch

- Easy to install, simple to operate
- ADA compliant
- Enhanced room privacy
- UL classified as a fire door accessory

PDL
- AVAILABLE FINISHES: 3 (Polished Brass), 4 (Satin Brass), 10B (Dark Bronze), 26 (Polished Chrome), 26D/15 (Dull Chrome/Satin Nickel)
Acoustic Seal Sets

PEMKO supplies the appropriate acoustic components in sets. These product combinations are lab tested and have known decibel drops when used with sound-rated doors. Each kit includes gasketing, a door bottom or threshold, and a complete set of installation instructions. Installation instructions show the proper installation location for each component for optimal performance.

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Gasketing</th>
<th>Door Bottom</th>
<th>Threshold</th>
<th>Corner Pad</th>
</tr>
</thead>
<tbody>
<tr>
<td>PEMKOSTCSET-1A</td>
<td>S773BL (Single Row) and S44BL (Single Row)</td>
<td>PDB411AE</td>
<td>ACP112BL</td>
<td></td>
</tr>
<tr>
<td>PEMKOSTCSET-1B</td>
<td>S44BL (Two Rows)</td>
<td>PDB411AE</td>
<td>ACP112BL</td>
<td></td>
</tr>
<tr>
<td>PEMKOSTCSET-1C</td>
<td>S442BL (Single Row) and S44BL (Single Row)</td>
<td>PDB411AE</td>
<td>ACP112BL</td>
<td></td>
</tr>
<tr>
<td>PEMKOSTCSET-1D</td>
<td>303AS and S448L (Single Row)</td>
<td>PDB411AE</td>
<td>ACP112BL</td>
<td></td>
</tr>
<tr>
<td>PEMKOSTCSET-1E</td>
<td>312CR and S448L (Single Row)</td>
<td>PDB411AE</td>
<td>ACP112BL</td>
<td></td>
</tr>
<tr>
<td>PEMKOSTCSET-2A</td>
<td>S773BL (Single Row) and S44BL (Single Row)</td>
<td>2008APK</td>
<td></td>
<td></td>
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<tr>
<td>PEMKOSTCSET-2B</td>
<td>S44BL (Two Rows)</td>
<td>2008APK</td>
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<td>PEMKOSTCSET-2C</td>
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<td>2008APK</td>
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<tr>
<td>PEMKOSTCSET-3A</td>
<td>S773BL (Single Row) and S44BL (Single Row)</td>
<td>3692APK773BL</td>
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<td>PEMKOSTCSET-3B</td>
<td>S44BL (Two Rows)</td>
<td>3692APK773BL</td>
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<tr>
<td>PEMKOSTCSET-3D</td>
<td>303AS and S448L (Single Row)</td>
<td>3692APK773BL</td>
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<tr>
<td>PEMKOSTCSET-3E</td>
<td>312CR and S448L (Single Row)</td>
<td>3692APK773BL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PEMKOSTCSET-4A</td>
<td>S773BL (Single Row) and S44BL (Single Row)</td>
<td>2009APK</td>
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<td></td>
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<tr>
<td>PEMKOSTCSET-4B</td>
<td>S44BL (Two Rows)</td>
<td>2009APK</td>
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<tr>
<td>PEMKOSTCSET-4D</td>
<td>303AS and S448L (Single Row)</td>
<td>2009APK</td>
<td></td>
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<tr>
<td>PEMKOSTCSET-4E</td>
<td>312CR and S448L (Single Row)</td>
<td>2009APK</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

How To:

1. Locate the Sealed-in-Place (inoperable) rating for your door.
2. Determine the maximum allowable drop for your opening (i.e. -1 db). Note: the numbers are represented as negative numbers as they will decrease your inoperable rating by the number shown (i.e. 45 using a -1 kit will decrease the inoperable rating from 45 to an operable of 44)
3. Find a number in the column below your door’s inoperable rating that will keep your opening in the allowable range.
4. Select a kit (or one of the kits given if Alternate Kits are shown), place it on your Purchase Order and add your opening size in inches (i.e. a 3/0 x 7/0 opening will be ordered as a 3684).

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Available finishes for products shown on this page (see full line catalog or website for finish chart):
A (Mill Finish Aluminum)  C (Clear Anodized)  D (Dark Bronze Anodized)
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Sliding and Folding Hardware

Sliding 200 Series

Features:
- Needle bearing hangers for smooth operation
- 200 lb. panel capacity
- Galvanized steel track 280
- Aluminum track 280C

H200A Kits Include:
1 ea 280C Track
2 ea H229R1 Hangers
1 ea 102N Nylon Guide
2 ea TELS-14KIT Stops
1 ea Adjusting Wrench and Mounting Hardware

Folding 100 Series

FOR FOLDING DOORS AND ROOM DIVIDERS TO 100 LBS.

High quality hardware makes medium weight folding doors efficient and easy-to-use. Two and four leaf kits are available

FOUR PANEL:

HF4/100A Kits Include:
1 ea 280C Track
2 ea 283 Hangers
2 ea 289T Top Pivots
2 ea 289B Bottom Pivots
6 ea 282HD Hinges
2 ea 106Hf/94 Guide
1 ea 94A Guide Channel
1 ea Adjusting Wrench and Mounting Hardware

OPTIONS:
Mounting Bracket 281 available as 5 pack only, 2815
Bottom Channel 94A
Threshold 971A
Finish: 280A Track available in Clear Anodized (C)

Bypass Track Series

For Bypassing Panels to 200 lbs.
- Fits 1 3/8” and 1 3/4” doors
- Needle-bearing wheels for ultra smooth performance
- Load capacity 200 lbs. (2 hangers)
- Extruded aluminum track

HBP200A Kits Include:
1 ea 2802C Track
4 ea H229R1 Hangers
2 ea 102N Nylon Guide
4 ea TELS-14KIT Stops
1 ea Adjusting Wrench and Mounting Hardware

OPTIONS:
- Hardware Kit H200 PACK
- Dual Guide Channel Polypropylene Guide Rail
- 2802BT EPD38L for use with 102N

Standard Kit Sizes

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Material</th>
<th>Track Length</th>
<th>Door Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>H200A/4</td>
<td>Aluminum</td>
<td>48”</td>
<td>24”</td>
</tr>
<tr>
<td>H200A/5-4</td>
<td>Aluminum</td>
<td>64”</td>
<td>32”</td>
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<tr>
<td>H200A/6</td>
<td>Aluminum</td>
<td>72”</td>
<td>36”</td>
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<tr>
<td>H200A/7</td>
<td>Aluminum</td>
<td>84”</td>
<td>42”</td>
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<tr>
<td>H200A/8</td>
<td>Aluminum</td>
<td>96”</td>
<td>48”</td>
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<tr>
<td>H200A/10</td>
<td>Aluminum</td>
<td>120”</td>
<td>60”</td>
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<td>H200A/12</td>
<td>Aluminum</td>
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<td>72”</td>
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<tr>
<td>H200/6</td>
<td>Steel</td>
<td>72”</td>
<td>36”</td>
</tr>
<tr>
<td>H200/8</td>
<td>Steel</td>
<td>96”</td>
<td>48”</td>
</tr>
</tbody>
</table>

Standard Kit Sizes

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Material</th>
<th># of Panels</th>
<th>Track Length</th>
</tr>
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<tbody>
<tr>
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<td>Aluminum</td>
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<tr>
<td>HF2/100A/2’6</td>
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<td>2</td>
<td>30”</td>
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<tr>
<td>HF2/100A/3</td>
<td>Aluminum</td>
<td>2</td>
<td>36”</td>
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<tr>
<td>HF2/100A/4</td>
<td>Aluminum</td>
<td>2</td>
<td>48”</td>
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<tr>
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<td>48”</td>
</tr>
<tr>
<td>HF4/100A/5</td>
<td>Aluminum</td>
<td>4</td>
<td>60”</td>
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<tr>
<td>HF4/100A/6</td>
<td>Aluminum</td>
<td>4</td>
<td>72”</td>
</tr>
<tr>
<td>HF4/100A/8</td>
<td>Aluminum</td>
<td>4</td>
<td>96”</td>
</tr>
<tr>
<td>HF4/100/4*</td>
<td>Steel</td>
<td>2</td>
<td>48”</td>
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<tr>
<td>HF4/100/8*</td>
<td>Steel</td>
<td>4</td>
<td>96”</td>
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</tbody>
</table>
Sliding and Folding Hardware (Cont.)

W60 Series for Wood Doors

Configurations:
- Single
- Bi-parting

Features:
- Made of 304 stainless steel
- Nylon coated stainless steel wheel for smooth operation
- 176 lb. panel capacity
- 5 year warranty

Finishes:
- Brushed Stainless Steel (W60)
- Dark Bronze Stainless Steel (W60D)
- Polished Stainless Steel (W60P)

W60 Kits Include:
1 ea BAR1_Stainless Steel Track
2 ea BRACKET2 Stainless Steel Wall Brackets
2 ea 62 Stainless Steel Hangers
1 ea WOODGUIDE Stainless Steel Guide
2 ea STOP2 Stainless Steel Stops Mounting Hardware

NOTE: If ordering individual parts in the optional Dark Bronze or Polished finishes, be sure to include a suffix “D” for Dark Bronze or “P” for Polished Stainless

Options: See page 39
Bottom Channel 94A
Roller Guide 106R/94
Mortise Guides 102N
Polypropylene Guide Rail EPD3BL For Use With WOODGUIDE

Lites & Louvers

Low Profile - Beveled Lite Kit
- The LT-B1 Lite Kit provides a wide viewing angle. For use with glazing material requiring a \( \frac{3}{8} \)" pocket in \( \frac{1}{4} \)" wood or metal doors. The LT-B1 installs without drilling holes through the door for quick installation. The hemless design is a flush mounted assembly and is ideal for clean environments
- 22 gauge galvannealed steel blank side and 20 gauge galvannealed steel inner frame

LT-B1
AVAILABLE FINISHES:
B, D, G

Inverted “Y” Louver
- The LV-IY Louver for \( \frac{1}{4} \)" wood or metal doors provides 50% free air flow. The 20 gauge inverted “Y” blades add stiffness and a burr-free exposed edge. The 18 gauge galvanneal mitered frame secures the grill assembly in place giving it a clean appearance
- 18 gauge galvannealed frame
- 20 gauge galvannealed inverted “Y” blades

LV-IY
AVAILABLE FINISHES:
B, D, G

NOTE: Alternate route dimension when using optional EPD3BL
ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience.