

# Insulating Bushings

For Threaded Rigid Conduit & IMC

**Features:**

- High impact black thermosetting phenolic bushings, with at 150°C UL temperature rating, that will not soften, melt or burn.

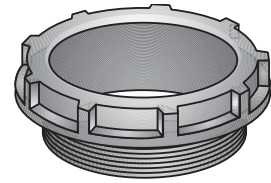
**Type A**

**Use:**

To insulate end of threaded rigid and IMC



Type A



Type BB

**Third Party Certification:**

UL Listed: E-11853

CSA Certified: 11584

**Type BB**

**Use:**

To insulate cables passing through metal boxes or troughs

**Third Party Certification:**

UL Listed: E-20933

CSA Certified: 11584

| Trade Size (inches) | Type A Catalog Number | Dimensions in Inches |                |
|---------------------|-----------------------|----------------------|----------------|
|                     |                       | Outside Dia.         | Overall Height |
| 1/2                 | A-50                  | 1 1/8                | 1/2            |
| 3/4                 | A-75                  | 1 3/8                | 1/2            |
| 1                   | A-100                 | 1 3/4                | 5/8            |
| 1 1/4               | A-125                 | 2 1/8                | 3/4            |
| 1 1/2               | A-150                 | 2 3/8                | 3/4            |
| 2                   | A-200                 | 2 7/8                | 3/4            |
| 2 1/2               | A-250                 | 3 3/8                | 7/8            |
| 3                   | A-300                 | 4                    | 7/8            |
| 3 1/2               | A-350                 | 4 3/8                | 7/8            |
| 4                   | A-400                 | 5 1/8                | 7/8            |
| 5                   | A-500                 | 6 1/4                | 1 1/8          |
| 6                   | A-600                 | 7 3/8                | 1 1/8          |

| Trade Size (inches) | Type BB Catalog Number | Dimensions in Inches |                   |               |
|---------------------|------------------------|----------------------|-------------------|---------------|
|                     |                        | Outside Dia.         | Bushing Hole Dia. | Thread Length |
| 1/2                 | BB-50                  | 1 1/8                | 5/8               | 3/8           |
| 3/4                 | BB-75                  | 1 3/8                | 3/4               | 3/8           |
| 1                   | BB-100                 | 1 3/4                | 1                 | 1/2           |
| 1 1/4               | BB-125                 | 2 1/8                | 1 1/4             | 1/2           |
| 1 1/2               | BB-150                 | 2 3/8                | 1 1/2             | 1/2           |
| 2                   | BB-200                 | 2 7/8                | 2                 | 1/2           |
| 2 1/2               | BB-250                 | 3 3/8                | 2 3/8             | 5/8           |
| 3                   | BB-300                 | 4                    | 3                 | 5/8           |
| 3 1/2               | BB-350                 | 4 3/8                | 3 1/2             | 5/8           |
| 4                   | BB-400                 | 5 1/8                | 3 3/8             | 5/8           |
| 5                   | BB-500                 | 6 1/4                | 4 1/8             | 3/4           |
| 6                   | BB-600                 | 7 3/8                | 5 1/8             | 3/4           |

**Type BBL**

**Use:**

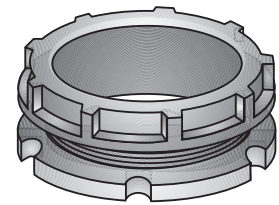
Type BB provided with a steel locknut

**Third Party Certification:**

UL Listed: E-20933

CSA Certified: 11584

| Trade Size (inches) | Type BBL Catalog Number | Dimensions in Inches |           |                       | Max Dia. |
|---------------------|-------------------------|----------------------|-----------|-----------------------|----------|
|                     |                         | Bushing Outside Dia. | Hole Dia. | Locknut Thread Length |          |
| 1/2                 | BBL-50                  | 1 1/8                | 5/8       | 3/8                   | 1 1/8    |
| 3/4                 | BBL-75                  | 1 3/8                | 3/4       | 3/8                   | 1 1/2    |
| 1                   | BBL-100                 | 1 3/4                | 1         | 1/2                   | 1 3/4    |
| 1 1/4               | BBL-125                 | 2 1/8                | 1 1/4     | 1/2                   | 2 1/8    |
| 1 1/2               | BBL-150                 | 2 3/8                | 1 1/2     | 1/2                   | 2 5/8    |
| 2                   | BBL-200                 | 2 7/8                | 2         | 1/2                   | 3 1/8    |
| 2 1/2               | BBL-250                 | 3 3/8                | 2 3/8     | 5/8                   | 3 3/8    |
| 3                   | BBL-300                 | 4                    | 3         | 5/8                   | 4 3/8    |
| 3 1/2               | BBL-350                 | 4 3/8                | 3 1/2     | 5/8                   | 5        |
| 4                   | BBL-400                 | 5 1/8                | 3 7/8     | 5/8                   | 5 1/2    |
| 5                   | BBL-500                 | 6 1/4                | 4 3/8     | 3/4                   | 6 1/8    |
| 6                   | BBL-600                 | 7 3/8                | 5 1/8     | 3/4                   | 8        |



Type BBL

**Type ABB**

**Use:**

A combination of Type "A" and "BB" Bushings. For insulating cables passing through metal boxes or troughs

**Third Party Certification:**

UL Listed: E-20933

CSA Certified: 011584

| Trade Size (inches) | Type ABB Catalog Number | Dimensions in Inches |           |               |                    |          | Max. Encl. Thick |
|---------------------|-------------------------|----------------------|-----------|---------------|--------------------|----------|------------------|
|                     |                         | Outside Dia.         | Hole Dia. | Thread Length | Shd. Ht. Type "BB" | Type "A" |                  |
| 1/2                 | ABB-50                  | 1 1/8                | 5/8       | 3/8           | 1/4                | 1/2      | 1/8              |
| 3/4                 | ABB-75                  | 1 3/8                | 3/4       | 3/8           | 1/4                | 1/2      | 1/8              |
| 1                   | ABB-100                 | 1 3/4                | 1         | 1/2           | 3/8                | 5/8      | 1/4              |
| 1 1/4               | ABB-125                 | 2 1/8                | 1 1/4     | 1/2           | 3/8                | 3/4      | 1/4              |
| 1 1/2               | ABB-150                 | 2 3/8                | 1 1/2     | 1/2           | 3/8                | 3/4      | 1/4              |
| 2                   | ABB-200                 | 2 7/8                | 2         | 1/2           | 1/2                | 3/4      | 1/4              |
| 2 1/2               | ABB-250                 | 3 3/8                | 2 3/8     | 5/8           | 1/2                | 7/8      | 1/4              |
| 3                   | ABB-300                 | 4                    | 3         | 5/8           | 1/2                | 7/8      | 1/4              |
| 3 1/2               | ABB-350                 | 4 3/8                | 3 1/2     | 5/8           | 1/2                | 7/8      | 1/4              |
| 4                   | ABB-400                 | 5 1/8                | 3 7/8     | 5/8           | 1/2                | 7/8      | 1/4              |
| 5                   | ABB-500                 | 6 1/4                | 4 3/8     | 3/4           | 1/2                | 1 1/8    | 1/4              |
| 6                   | ABB-600                 | 7 3/8                | 5 1/8     | 3/4           | 1/2                | 1 1/8    | 1/4              |



Type ABB

**Applicable Third Party Standards:**

- UL Standard: 514B
- CSA Standard: C22.2 No. 18
- Fed. Spec: W-F-408E
- NEMA: FB-1

# Insulating Bushings

For Threaded for Rigid Conduit & IMC

## Type IB

### Feature:

- Temperature rating 105°C

### Material:

Polypropylene (gray)

### Third Party Certification:

 UL Listed: E-11853

 CSA Certified: 057250

### Applicable Third Party Standards:

UL Standard: 514B

CSA Standard: C22.2 No. 18

Fed. Spec: W-F-408E

| Trade Size<br>(inches) | Catalog<br>Number | Dimensions in Inches |             |
|------------------------|-------------------|----------------------|-------------|
|                        |                   | Max. Dia.            | Max. Height |
| 1/2                    | IB-50             | 1 1/16               | 3/8         |
| 3/4                    | IB-75             | 1 7/16               | 7/16        |
| 1                      | IB-100            | 1 9/16               | 9/16        |
| 1 1/4                  | IB-125            | 2                    | 5/8         |
| 1 1/2                  | IB-150            | 2 1/4                | 5/8         |
| 2                      | IB-200            | 2 7/8                | 5/8         |
| 2 1/2                  | IB-250            | 3 3/8                | 3/4         |
| 3                      | IB-300            | 4 1/16               | 3/4         |
| 3 1/2                  | IB-350            | 4 3/8                | 7/8         |
| 4                      | IB-400            | 5 1/8                | 7/8         |
| 5                      | IB-500            | 6 7/16               | 1           |
| 6                      | IB-600            | 7 7/16               | 1           |



**Type IB  
Threaded**

## Type PPC

### Use:

To plug bushings, rigid conduit and IMC.

### Features:

- Suitable for use on the following bushings: Type A, B, IBC, BB, IB, BLG, HB, HBLG and Type 2-series.

### Material:

Polyethylene

### Applicable Third Party Standards:

UL Listing not applicable

| Trade Size<br>(inches) | Catalog<br>Number | Dimensions in Inches |             |
|------------------------|-------------------|----------------------|-------------|
|                        |                   | Max. Dia.            | Max. Height |
| 1/2                    | PPC-50            | 1                    | 9/16        |
| 3/4                    | PPC-75            | 1 3/16               | 5/8         |
| 1                      | PPC-100           | 1 1/16               | 3/4         |
| 1 1/4                  | PPC-125           | 1 5/8                | 3/4         |
| 1 1/2                  | PPC-150           | 2                    | 3/4         |
| 2                      | PPC-200           | 2 1/2                | 3/4         |
| 2 1/2                  | PPC-250           | 2 7/8                | 1 1/8       |
| 3                      | PPC-300           | 3 3/8                | 7/8         |
| 3 1/2                  | PPC-350           | 4                    | 1 1/4       |
| 4                      | PPC-400           | 4 3/8                | 7/8         |



**Type PPC**

# Insulating Bushings

For Threaded Rigid Conduit & IMC

**Features:**

- High impact black thermosetting phenolic bushings, with at 150°C UL temperature rating, that will not soften, melt or burn.

**Type A**

**Use:**

To insulate end of threaded rigid and IMC



Type A



Type BB

**Third Party Certification:**



UL Listed: E-11853



CSA Certified: 11584

**Type BB**

**Use:**

To insulate cables passing through metal boxes or troughs

**Third Party Certification:**



UL Listed: E-20933



CSA Certified: 11584

| Trade Size (inches) | Type A Catalog Number | Dimensions in Inches |                |
|---------------------|-----------------------|----------------------|----------------|
|                     |                       | Outside Dia.         | Overall Height |
| 1/2                 | A-50                  | 1 1/8                | 1/2            |
| 3/4                 | A-75                  | 1 3/8                | 1/2            |
| 1                   | A-100                 | 1 3/4                | 5/8            |
| 1 1/4               | A-125                 | 2 1/8                | 3/4            |
| 1 1/2               | A-150                 | 2 3/8                | 3/4            |
| 2                   | A-200                 | 2 7/8                | 3/4            |
| 2 1/2               | A-250                 | 3 3/8                | 7/8            |
| 3                   | A-300                 | 4                    | 7/8            |
| 3 1/2               | A-350                 | 4 3/8                | 7/8            |
| 4                   | A-400                 | 5 1/8                | 7/8            |
| 5                   | A-500                 | 6 1/4                | 1 1/8          |
| 6                   | A-600                 | 7 3/8                | 1 1/8          |

| Trade Size (inches) | Type BB Catalog Number | Dimensions in Inches |                   |               |
|---------------------|------------------------|----------------------|-------------------|---------------|
|                     |                        | Outside Dia.         | Bushing Hole Dia. | Thread Length |
| 1/2                 | BB-50                  | 1 1/8                | 5/8               | 3/8           |
| 3/4                 | BB-75                  | 1 3/8                | 3/4               | 3/8           |
| 1                   | BB-100                 | 1 3/4                | 1                 | 1/2           |
| 1 1/4               | BB-125                 | 2 1/8                | 1 1/4             | 1/2           |
| 1 1/2               | BB-150                 | 2 3/8                | 1 1/2             | 1/2           |
| 2                   | BB-200                 | 2 7/8                | 2                 | 1/2           |
| 2 1/2               | BB-250                 | 3 3/8                | 2 3/8             | 5/8           |
| 3                   | BB-300                 | 4                    | 3                 | 5/8           |
| 3 1/2               | BB-350                 | 4 3/8                | 3 1/2             | 5/8           |
| 4                   | BB-400                 | 5 1/8                | 3 3/8             | 5/8           |
| 5                   | BB-500                 | 6 1/4                | 4 1/8             | 3/4           |
| 6                   | BB-600                 | 7 3/8                | 5 1/8             | 3/4           |

**Type BBL**

**Use:**

Type BB provided with a steel locknut

**Third Party Certification:**

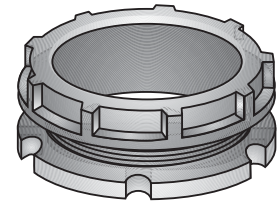


UL Listed: E-20933



CSA Certified: 11584

| Trade Size (inches) | Type BBL Catalog Number | Dimensions in Inches |           |                       | Max Dia. |
|---------------------|-------------------------|----------------------|-----------|-----------------------|----------|
|                     |                         | Bushing Outside Dia. | Hole Dia. | Locknut Thread Length |          |
| 1/2                 | BBL-50                  | 1 1/8                | 5/8       | 3/8                   | 1 1/8    |
| 3/4                 | BBL-75                  | 1 3/8                | 3/4       | 3/8                   | 1 1/2    |
| 1                   | BBL-100                 | 1 3/4                | 1         | 1/2                   | 1 3/4    |
| 1 1/4               | BBL-125                 | 2 1/8                | 1 1/4     | 1/2                   | 2 1/8    |
| 1 1/2               | BBL-150                 | 2 3/8                | 1 1/2     | 1/2                   | 2 5/8    |
| 2                   | BBL-200                 | 2 7/8                | 2         | 1/2                   | 3 1/8    |
| 2 1/2               | BBL-250                 | 3 3/8                | 2 3/8     | 5/8                   | 3 3/8    |
| 3                   | BBL-300                 | 4                    | 3         | 5/8                   | 4 3/8    |
| 3 1/2               | BBL-350                 | 4 3/8                | 3 1/2     | 5/8                   | 5        |
| 4                   | BBL-400                 | 5 1/8                | 3 7/8     | 5/8                   | 5 1/2    |
| 5                   | BBL-500                 | 6 1/4                | 4 3/8     | 3/4                   | 6 1/8    |
| 6                   | BBL-600                 | 7 3/8                | 5 1/8     | 3/4                   | 8        |



Type BBL

**Type ABB**

**Use:**

A combination of Type "A" and "BB" Bushings. For insulating cables passing through metal boxes or troughs

**Third Party Certification:**

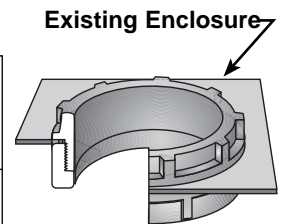


UL Listed: E-20933



CSA Certified: 011584

| Trade Size (inches) | Type ABB Catalog Number | Dimensions in Inches |           |               |                    |          | Max. Encl. Thick |
|---------------------|-------------------------|----------------------|-----------|---------------|--------------------|----------|------------------|
|                     |                         | Outside Dia.         | Hole Dia. | Thread Length | Shd. Ht. Type "BB" | Type "A" |                  |
| 1/2                 | ABB-50                  | 1 1/8                | 5/8       | 3/8           | 1/4                | 1/2      | 1/8              |
| 3/4                 | ABB-75                  | 1 3/8                | 3/4       | 3/8           | 1/4                | 1/2      | 1/8              |
| 1                   | ABB-100                 | 1 3/4                | 1         | 1/2           | 3/8                | 5/8      | 1/4              |
| 1 1/4               | ABB-125                 | 2 1/8                | 1 1/4     | 1/2           | 3/8                | 3/4      | 1/4              |
| 1 1/2               | ABB-150                 | 2 3/8                | 1 1/2     | 1/2           | 3/8                | 3/4      | 1/4              |
| 2                   | ABB-200                 | 2 7/8                | 2         | 1/2           | 1/2                | 3/4      | 1/4              |
| 2 1/2               | ABB-250                 | 3 3/8                | 2 3/8     | 5/8           | 1/2                | 7/8      | 1/4              |
| 3                   | ABB-300                 | 4                    | 3         | 5/8           | 1/2                | 7/8      | 1/4              |
| 3 1/2               | ABB-350                 | 4 3/8                | 3 1/2     | 5/8           | 1/2                | 7/8      | 1/4              |
| 4                   | ABB-400                 | 5 1/8                | 3 7/8     | 5/8           | 1/2                | 7/8      | 1/4              |
| 5                   | ABB-500                 | 6 1/4                | 4 3/8     | 3/4           | 1/2                | 1 1/8    | 1/4              |
| 6                   | ABB-600                 | 7 3/8                | 5 1/8     | 3/4           | 1/2                | 1 1/8    | 1/4              |



Type ABB

**Applicable Third Party Standards:**

- UL Standard: 514B
- CSA Standard: C22.2 No. 18
- Fed. Spec: W-F-408E
- NEMA: FB-1

# Insulating Bushings

For Threaded for Rigid Conduit & IMC

## Type IB

### Feature:

- Temperature rating 105°C

### Material:

Polypropylene (gray)

### Third Party Certification:

 UL Listed: E-11853

 CSA Certified: 057250

### Applicable Third Party Standards:

UL Standard: 514B

CSA Standard: C22.2 No. 18

Fed. Spec: W-F-408E

| Trade Size<br>(inches) | Catalog<br>Number | Dimensions in Inches |             |
|------------------------|-------------------|----------------------|-------------|
|                        |                   | Max. Dia.            | Max. Height |
| 1/2                    | IB-50             | 1 1/16               | 3/8         |
| 3/4                    | IB-75             | 1 7/16               | 7/16        |
| 1                      | IB-100            | 1 9/16               | 9/16        |
| 1 1/4                  | IB-125            | 2                    | 5/8         |
| 1 1/2                  | IB-150            | 2 1/4                | 5/8         |
| 2                      | IB-200            | 2 7/8                | 5/8         |
| 2 1/2                  | IB-250            | 3 3/8                | 3/4         |
| 3                      | IB-300            | 4 1/16               | 3/4         |
| 3 1/2                  | IB-350            | 4 5/8                | 7/8         |
| 4                      | IB-400            | 5 1/8                | 7/8         |
| 5                      | IB-500            | 6 7/16               | 1           |
| 6                      | IB-600            | 7 7/16               | 1           |



**Type IB  
Threaded**

## Type PPC

### Use:

To plug bushings, rigid conduit and IMC.

### Features:

- Suitable for use on the following bushings: Type A, B, IBC, BB, IB, BLG, HB, HBLG and Type 2-series.

### Material:

Polyethylene

### Applicable Third Party Standards:

UL Listing not applicable

| Trade Size<br>(inches) | Catalog<br>Number | Dimensions in Inches |             |
|------------------------|-------------------|----------------------|-------------|
|                        |                   | Max. Dia.            | Max. Height |
| 1/2                    | PPC-50            | 1                    | 9/16        |
| 3/4                    | PPC-75            | 1 3/16               | 5/8         |
| 1                      | PPC-100           | 1 1/16               | 3/4         |
| 1 1/4                  | PPC-125           | 1 5/8                | 3/4         |
| 1 1/2                  | PPC-150           | 2                    | 3/4         |
| 2                      | PPC-200           | 2 1/2                | 3/4         |
| 2 1/2                  | PPC-250           | 2 7/8                | 1 1/8       |
| 3                      | PPC-300           | 3 3/8                | 7/8         |
| 3 1/2                  | PPC-350           | 4                    | 1 1/4       |
| 4                      | PPC-400           | 4 3/8                | 7/8         |



**Type PPC**