

# Conduit Parts Data

Acquired for:

- integrating in designs
- benchmarking engineered parts
- discovery of high-volume, low cost parts

Parts Manufacturers

- Brand SigmaPro Connect
- Brand Commercial Electric

Local Retailers:

- Lowes, Bryan TX
- Home Depot, College Station TX

Dates of Benchmarking

- Starting in 2023
- Continued 2025.11
- (ongoing)

Intended Value:

- true scans of real part packaging
- datapoints for pricing and distribution info
- capture of engineering selection by David M
- omission of many thousand non-selected parts

## Wisdom

What's the value in a PDF like this? Isn't it just copies of data from around the web? Isn't it just a less-refined collection of what's found in brochures and on the store shelves?

Think Decisions. When an engineer made a decision to grab a part off the shelf, he's funneling all of his mechanical knowledge plus cost & manufacturing knowledge plus a lifetime of comparisons of what's best, and saying "this choice is highly fit to work inside of our ecosystem and highly worthwhile if it's integrated successfully in the ecosystem of free and parametric designs we're systematically building. He's saying "there's no other part in my knowledge that is MORE suitable than the one in my hand, I've seen millions of parts so far, and this one has at least one quality that's unmatched from all my other choices today. And then if the very same part is backed by a 50-year manufacturer, then all of the engineers in that company, plus administrators, said "this part deserves not only to exist, but to have a listing internationally in the UL database, to be distributed to stores, and to go into thousands of homes of customers despite all of the risks and costs that come with it. So this PDF exists only because at least 100 engineers affirmed the value, and it's very likely worth paying a read, and reflecting on the function, materials, and configurations of these parts.

# KEYWORDS

What is:

EMT ► Electrical Metallic Tubing (most common, thin-wall)

RMC ► Rigid Metal Conduit (heavy duty, thick-wall conduit)

IMC ► Intermediate Metallic Conduit (middle ground)

"Rigid / IMC" fittings by Sigma ProConnex fits both types, as outer diameter and threads are equal.

## FLEX

Squeeze Connector

49407  
1 / Bag

1/2"



Conector a presión

SSQ050

UL  
LISTED  
CONDUIT  
FITTING  
36DB



LR57925

Sigma Engineered Solutions  
Garnett, NC 27629



0 31857 49407 0  
Made in India / Hecho en India

For 1/2" Sti or Al FMC/RWFMC  
For 6/3 Sti or Al AC/MCI  
Fits a 1/2" knockout

Para acero de 1/2" o Al FMC/RWFMC  
Para acero 6/3 o Al AC/MCI  
Se adapta a 1/2" agujeros

## RIGID

Box Spacer

49207  
1 / Bag

1/2"



Separador para cajas de interruptores

BSP050

UL  
LISTED  
CONDUIT  
FITTING  
36DB



LR57925

Sigma Engineered Solutions  
Garnett, NC 27629



0 31857 49207 6  
Made in India / Hecho en India

For use as a raceway between  
two outlet boxes or metal enclosures  
Fits a 1/2" knockout  
Locknuts included

Para usar como pista de rodadura entre  
dos cajas de salida o recintos metálicos  
Se adapta a 1/2" agujeros  
Contratuercas incluidas

## ACCESSORIES

KOS075

Sigma Engineered Solutions  
Garnett, NC 27629



0 31857 49151 2  
Made in India / Hecho en India

For closing 3/4" knockouts  
in an outlet box or metal enclosure

Para cerrar agujeros de 3/4"  
en una caja de salida o caja de metal

49151  
1 / Bag

3/4"

Sellos para bocas



Squeeze Connector 49407



box spacer 49207



Knockout Seal 49151



**1/2"**  
**EMT**  
**90° Large Radius**  
**Compression Elbow**

 **WARNING: CANCER AND  
REPRODUCTIVE HARM -  
[www.P65warnings.ca.gov](http://www.P65warnings.ca.gov)**



**3/4"**  
**EMT**

Corrosion-resistant

1 PACK



**90° LARGE  
RADIUS  
COMPRESSION  
ELBOW**

1006 231 966

E645

**1/2"**  
**ACC**

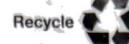
**SNAP-IN  
BUSHING**

1006 231 961

10 PACK



1006 231 966



MADE IN CHINA

DISTRIBUTED BY:  
HOME DEPOT

2455 PACES FERRY ROAD  
ATLANTA, GA 30339

HOMEDEPOT.COM

FEE9LZ-50-1  
02805

**1/2"**  
**EMT**

**90° LARGE  
RADIUS  
COMPRESSION  
ELBOW**

1006 231 966

Corrosion-resistant

1 PACK



E635

**3/4"**  
**EMT**  
**90° Large Radius**  
**Compression Elbow**

1006 231 986



MADE IN CHINA

DISTRIBUTED BY:  
HOME DEPOT

2455 PACES FERRY ROAD  
ATLANTA, GA 30339

HOMEDEPOT.COM

FEE9LZ-75-1  
02807

 **WARNING: CANCER AND  
REPRODUCTIVE HARM -  
[www.P65warnings.ca.gov](http://www.P65warnings.ca.gov)**



E645

**1/2"**  
**ACCESSORY**  
**Snap-in Bushing**

1006 231 961



MADE IN CHINA

DISTRIBUTED BY:  
HOME DEPOT

2455 PACES FERRY ROAD  
ATLANTA, GA 30339

HOMEDEPOT.COM

FABSP-50-10  
31101

 **WARNING: CANCER AND  
REPRODUCTIVE HARM -  
[www.P65warnings.ca.gov](http://www.P65warnings.ca.gov)**



11108039065

A125

Large radius compression elbow E635,  
E645



Large radius compression elbow E645

**3/4"** **EMT**  
90° LARGE  
RADIUS  
COMPRESSION  
ELBOW

1006 231 986



1 PACK

**C** Commercial  
Electric™

E645

Snap-in bushing A125



Insulated Bushing 55442



CCON075  
LISTED  
EMT  
FITTING  
3508



LR57925

Sigma Engineered Solutions  
Garnet, NC 27529



0 31857 44251 4  
Made in India / Hecho en India

For 3/4" steel EMT conduit to 3/4" knockout  
Compression type  
Concrete-tight  
For dry location applications  
Para conductos EMT de acero de 3/4" a 3/4" agujeros  
Tipo de compresión  
Prueba concreto  
Para aplicaciones en lugares secos

EMT

Compression Connector  
Concrete Tight

Conector de Compresión  
Concreto prensado

3/4"

**PRO**  
**CONNEX**  
SIGMA ENGINEERED SOLUTIONS

FLEX

90° Squeeze Connector 49801  
1 / Bag

3/8" Trade Size  
1/2" Knockout  
Conector de presión de 90°

**PRO**  
**CONNEX**  
SIGMA ENGINEERED SOLUTIONS

RIGID

Box Spacer 49208  
1 / Bag

Separador para cajas de interruptores 3/4"

**PRO**  
**CONNEX**  
SIGMA ENGINEERED SOLUTIONS

ACCESSORIES

Knockout Seal 47150  
1 / Bag

1/2"

**PRO**  
**CONNEX**  
SIGMA ENGINEERED SOLUTIONS

ASQ037  
LISTED  
ARM CABLE  
CONNECTOR  
3508



LR57925

Sigma Engineered Solutions  
Garnet, NC 27529



0 31857 49801 6  
Made in India / Hecho en India

For 3/8" Stl or Al FMC/RWFMC  
or 14/2-10/3 Stl or Al AC/MCI/PCS  
or 10/2-10/4 Stl or AL MCI-A/HCF

Fits a 1/2" knockout

Para acero de 3/8" o Al FMC/RWFMC  
o 14/2-10/3 acero o Al AC/MCI/PCS  
o 10/2-10/4 acero o AL MCI-A/HCF  
Se adapta a 1/2" agujeros

BSP075  
LISTED  
CONDUIT  
FITTING  
3508



LR57925

Sigma Engineered Solutions  
Garnet, NC 27529



0 31857 49208 3  
Made in India / Hecho en India

For use as a raceway between  
two outlet boxes or metal enclosures  
Fits a 3/4" knockout  
Locknuts included

Para usar como pista de rodadura entre  
dos cajas de salida o recintos metálicos  
Se adapta a 3/4" agujeros  
Contratuercas incluidas

KOS050

Sigma Engineered Solutions  
Garnet, NC 27529



0 31857 47150 7  
Made in India / Hecho en India

For closing 1/2" knockouts  
in an outlet box or metal enclosure

Para cerrar agujeros de 1/2"  
en una caja de salida o caja de metal

Compression connector, concrete-tight  
CCON075, CCON050



90 squeeze connector 49801



box spacer 49208



knockout seal 47150



Compression connector Rain tight E040, E050



This page not yet matched with scanned labels (2025.11)

Threaded Coupling 75962  
1/2in trade size



Set screw connector E445



plastic NM cable connector 44740



Threaded Nipple (rigid / IMC) 44360



one hole strap 96152



Reducing Bushing (lowes 108558)



This page not yet matched with scanned labels (2025.11)

Conduit Locknut Steel 49101



snap-in bushing A125



Chase Nipple 49202  
IMC / die cast zinc /

EMT set screw coupling, die cast zinc  
02-55244



conduit hanger 49110



Closure plug die cast zinc 5269-0



This page not yet matched with scanned labels (2025.11)

Handy Electrical Box 1-gang 8660



Octagonal Electrical Box (8125)



Square Outlet Box 4x1.5

Hubbell RACO



Weatherproof Round Electrical Box 5361-0

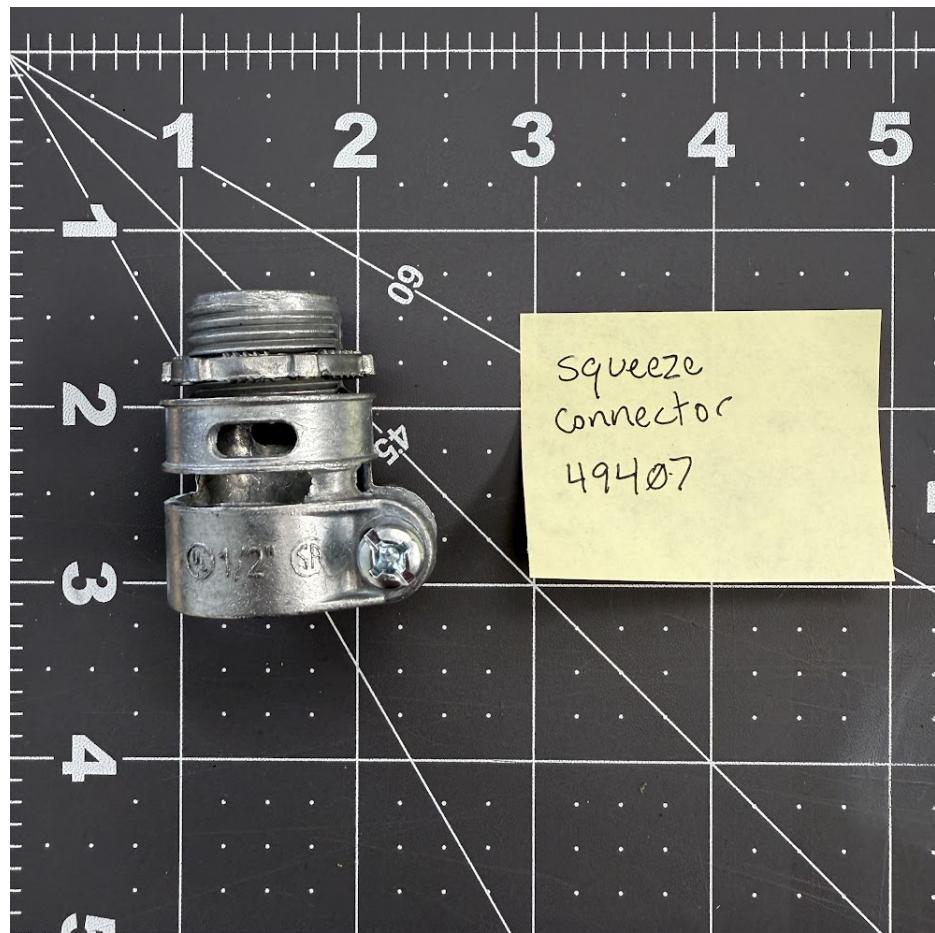
Closure plug die cast zinc 5269-0



Photograph for Label, 3/4in trade size conduit - Nucor, 10-foot, steel EMT

Equivalent to: Allied Tube Model # 853429





Samples of pricing data, inventory, geography & availability based on 2024~2025 Texas USA.



square box  
octo-box  
handy box  
squeeze connector  
LEARN MORE AT LOWES.COM/MYLOWESREWARDS



LOWE'S HOME CENTERS, LLC  
3225 FREEDOM BLVD.  
BRYAN, TX 77802 (979) 774-4141

- SALE -

SALES#: FSTLAN04 3842066 TRANS#: 371800204 09-11-25

70935 4-IN SUBQX1 1/2-IN DEEP 1/2-I	5.16
2 @ 2.58	
74215 CEILING BOX 1.5-IN DEEP 3	9.52
4 @ 2.58	
70967 HANDY BOX 1-7/8-IN DEEP 1	4.76
2 @ 2.38	
3725645 INSIDE CORNER BRICKET 4 HL	3.48
54571 SIGMA 1/2-IN FLEX SQUEZ C	0.98
 SUBTOTAL:	23.90
TOTAL TAX:	1.97
INVOICE 91380 TOTAL:	25.87
VISA:	25.87

VISA: XXXXXXXXXXXXXXX911 AMOUNT: 25.87 AUTHCD: 092780  
TAP REFID:01033380107 09/11/25 19:33:08  
APL : 434841534F2056495241 TUR : 0000000000  
AID : A00000000031010

STORE: 0103 TERM18BL\_03 09/11/25 19:33:12  
**# OF ITEMS PURCHASED:** 10  
EXCLUDES FEES, SERVICES AND SPECIAL ORDER ITEMS



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LOWE'S HOME CENTERS, LLC  
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BRYAN, TX 77802 (979) 774-4141

- SALE -

SALES#: FSTLAN06 4987651 TRANS#: 775335173 10-19-24

2573415 4 IN RND BLNK CUR - BX MO	2.98
2573413 RND WPBX (5) 1/2 IN OUTLE	6.98
70684 ETN 15A 125V RECEP WH	2.31
3 @ 0.77	
108558 SIGMA 1-IN-1/2-IN REDUC B	1.58
75962 SIGMA 1/2-IN RGD THREAD C	3.36
2 @ 1.68	
72855 1/2-IN PVC BOX ADAPTER	1.54
2 @ 0.77	
115912 1/2-IN PVC FEMALE ADAPTER	0.63
70939 CLNG BOX 1-1/2-IN DEEP 1/	2.58
 SUBTOTAL:	21.96
TOTAL TAX:	1.81
INVOICE 77097 TOTAL:	23.77
VISA:	23.77

