

RIGID ALUMINUM CONDUIT, NIPPLES, ELBOWS, & COUPLINGS

STAINLESS STEEL CONDUIT, ECN's & FITTINGS

EMT ELBOWS

GALVANIZED RIGID ELBOWS, NIPPLES, & COUPLINGS

**ELECTRICAL CONDUIT PRODUCTS
2025**

Table of Contents

- American Manufacturing Page 3
- The Patriot Story Page 4
- The Patriot Team..... Page 5
- Three Factories..... Pages 6-7
- Patriot's Products Page 8
- Advanced CNC Manufacturing Page 9
- Trademark Packaging Page 10
- QuickSilver™ Page 11
- Patriot Blue™ Page 12
- Training Support Page 13
- Customer Events & Promotions Page 14
- Product & Company Videos Page 15
- Galvanized Rigid & EMT Conduit Fittings Pages 16-24
- Stainless Steel Rigid Conduit & Fittings Pages 25-53
- Rigid Aluminum Conduit & Fittings Page 54
 - Typical Applications of Rigid Aluminum Conduit Page 55
 - Rigid Aluminum versus Rigid Steel..... Page 56
 - Cost Savings Calculator Page 57
 - Green Advantages of Aluminum..... Page 58
 - Manufacturer's Certification Page 59
 - Specification Notes for Engineers Page 60
 - Product Submittal Sheets & Specifications Pages 61-68
 - Conduit Weight Chart
 - Typical Installation Practices



American Manufacturing

There was a time when America was synonymous with manufacturing, with production, with innovation. Hardworking, earnest people made good quality products, had good paying jobs, and our businesses flourished.

Then suddenly, the Industrial Revolution that helped shape our Nation packed up and went into early retirement. Unemployment went up, quality went down, GDP growth slowed, and an entire segment of our economy effectively hit the “pause” button.

Well, today is a new day.

A growing number of American companies are starting to bring production back to our shores...and Patriot is proud to be counted among that group. We are very proud to be an American Manufacturer, and we are very proud to support the US Military Veterans in our workforce.

Our Rigid Aluminum Conduit is 100% American Made ~ the shells, the couplings, the caps, and even our labels all come from American companies.

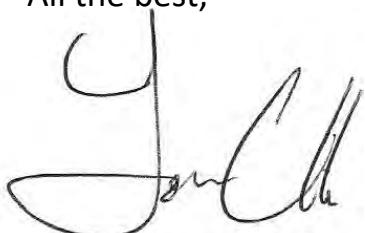
Our shells come from extrusion dies we own, are completely produced in America, and are processed on our high speed equipment.

Patriot is still the only American Owned & Operated Family Business producing the full lines of Rigid Aluminum & Rigid Stainless Steel Conduit, Nipples, Elbows, and Couplings, as well as EMT & GRC Nipples and Elbows. All Made in our one of our 3 Factories in Louisa & Chester Virginia, and Houston Texas.

While most of our orders ship next day from Virginia, we also maintain inventories in Atlanta, Boston, Chicago, Detroit, Houston, Jackson MS, Louisville KY, New Orleans, North Carolina, Richmond VA, and Tampa FL. Simply stated, Patriot's goal is to provide **A Better Conduit Experience™**.

There is a new Industrial Revolution starting in America,
thank you for joining us in it.

All the best,



Tom Click
President & CEO



tom.click@patriotsas.com
Cell – 434-825-2652

The Patriot Story

Patriot was founded in 2010 by Tom & Sarah Click. Like many American Manufacturing startups, Patriot's beginnings were small and focused. Launching right after the Great Recession, the original business consisted of:

Tom Click + 1,000 Square Feet of Leased Space + 1 Hand Threading Machine

After finalizing the business plan, and finding a banker who knew what pipe was, Tom & Sarah pulled money out of their 401ks to complete the initial funding. It was a big risk, and it paid off.

By the end of 2010, Patriot had its first Landis Double End Threading Machine. From the very beginning, Patriot was committed to the "[Traditional Values of American Manufacturing](#)" i.e., producing the absolute best quality and providing unmatched service and flexibility, all while maintaining a competitive price. Adherence to these values resulted in rapid growth for the company. In 2017, for the [3rd year in a row](#), Patriot was named to Inc Magazine's list of the 5000 Fastest Growing Companies in America.

Today Patriot has a new, fully modernized 30,000 SqFt Factory in Louisa, Virginia, 50,000 SqFt in Richmond, Virginia and 60,000 SqFt in Houston, Texas. The company has 80 employees, 6 Delivery Vehicles, 5 Landis Double Head Conduit Production Lines, 20 Haas CNC Centers, a 10 station Nipple Line, 3 Wallace Large Radius Shipyard Benders, and 6 Pedrick Rotary Compression Benders. Many in the workforce are US Military Veterans. Patriot maintains \$9,000,000 of inventory in 12 Regional Warehouses Nationwide.

Looking ahead, Tom & Sarah intend to continue to grow Patriot by adding new products, new production capabilities, and even new production facilities...continuing the story for the next generation, and inspiring action in support of [American Manufacturing](#).



The Patriot Team



The Patriot Team - Sales, Logistics, Operations, Accounting, & Administration



Patriot Blue™ Drivers



The Conduit Craftsmen



Rosie, John Griffin, Rosie



Tom, Sarah, Helen, Joe, and Ian Click

Industry Focused Solutions

High Speed Conduit Threading



Precision CNC Machining



Custom Bundles & Kitting via Quicksilver™



Large Diameter Bending Work cell



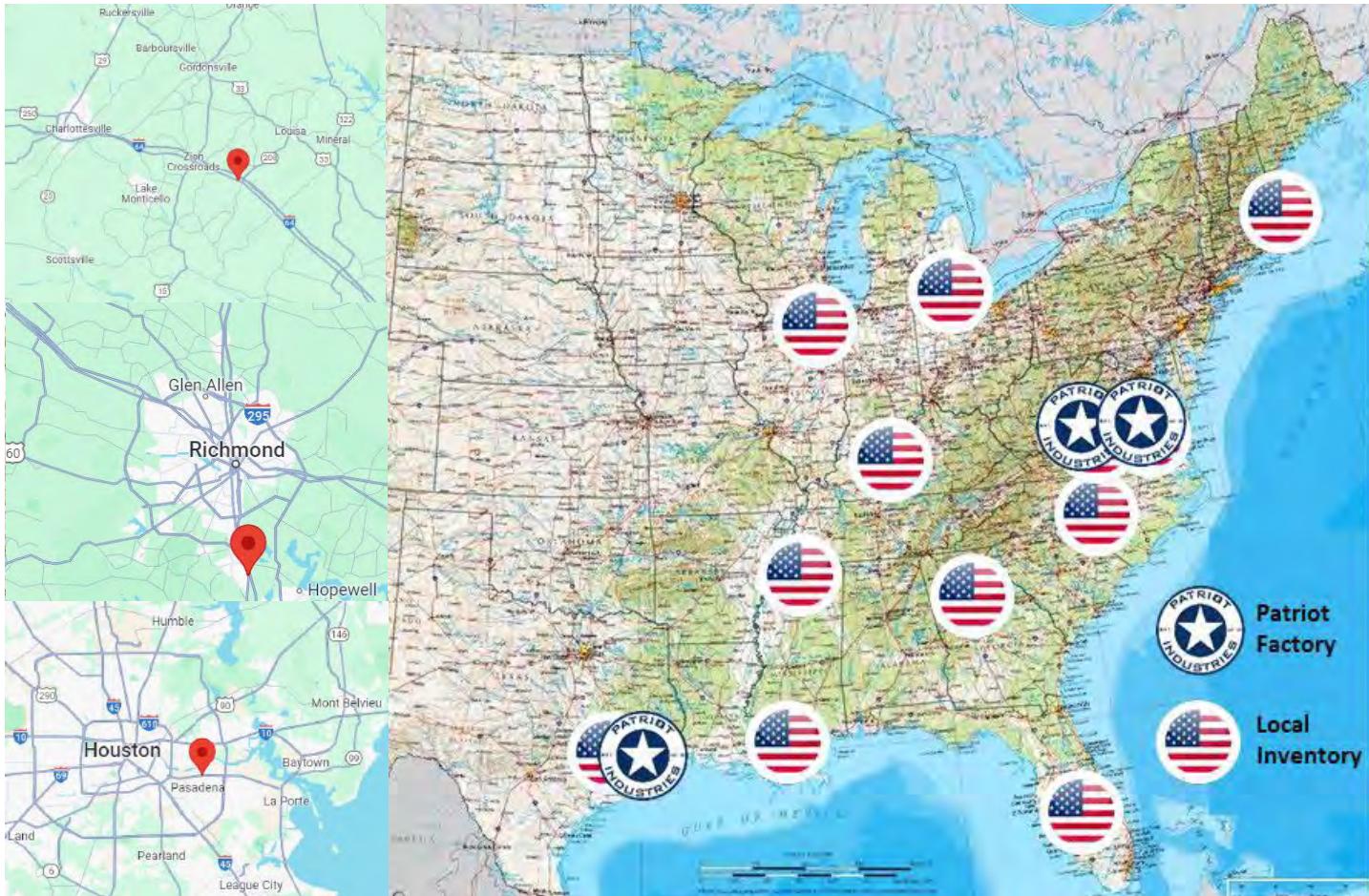
Free Delivery with No Min via Patriot Blue™



GRC, EMT, Aluminum, & Stainless



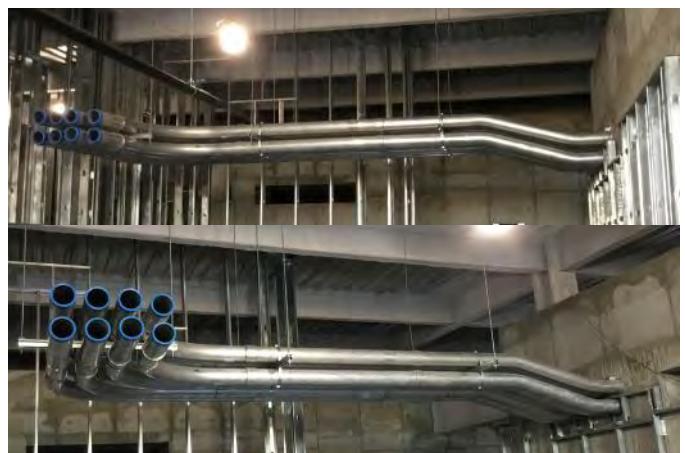
Three USA Based Factories 12 Stocking Locations



2023 Expansion in Houston
1033 Red Bluff Road



All 3 Offer Patriot Prefab™
Custom Nipples & Elbows



Patriot's Products

Only Patriot has all 4 Materials!
Aluminum, Stainless Steel, Galvanized Steel & EMT



Rigid Aluminum

- Conduit
- Nipples
- Elbows
- Couplings



Rigid Stainless Steel

- Conduit
- Nipples
- Elbows
- Couplings



Rigid Galvanized Steel

- Nipples
- Elbows
- Couplings

EMT

- Elbows

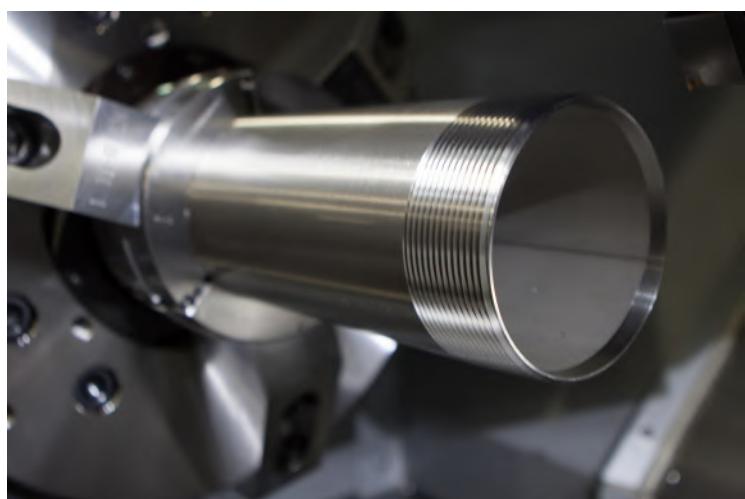


Join The New Industrial Revolution™

Advanced CNC Manufacturing



The Cleanest & Sharpest Threads



Trademark Packaging for Safer Jobsites

Cleaner, Safer, Faster!

Patriot Aluminum Products has spent years developing custom designed packaging solutions to make Jobsites and Distributor Warehouses Cleaner and Safer. It's one of our Trademarks...you can tell it's a Patriot product simply from the packaging!

The Patriot EcoPack™

Designed for Contractors & Distributors, the Patriot EcoPack™ eliminates many of the problems associated with traditional cardboard boxes.

With a clear body and re-sealable snap-tight lid, this new Patent Pending packaging not only keeps jobsite dirt, dust, and moisture away from your fittings....it also makes it easy to see how many nipples or couplings are left in the box.



For Both GRC and Aluminum

UniPack™, CleanHold™ & QuickSilver™

During our start-up in 2010, Patriot developed an industry leading UniPack™ System which allows all sizes of conduit to stack neatly and safely. This Trademark system also provides a taller "gap" for forklift forks and reduces the potential for damage when unloading and staging.

CleanHold™ secures sub-bundles, without the sticky residue created by traditional fiberglass tape.

Patriot's custom designed and patent pending QuickSilver™ pallet makes it easy to create custom Project Packs and ships via an enclosed carrier. It also elevates the conduit while on the jobsite, reducing dirt or debris on the tubes.



Always Look for Patriot's Trademark UL Label



The Answer is “Yes”...what’s the question?

Unmatched Flexibility and Speed

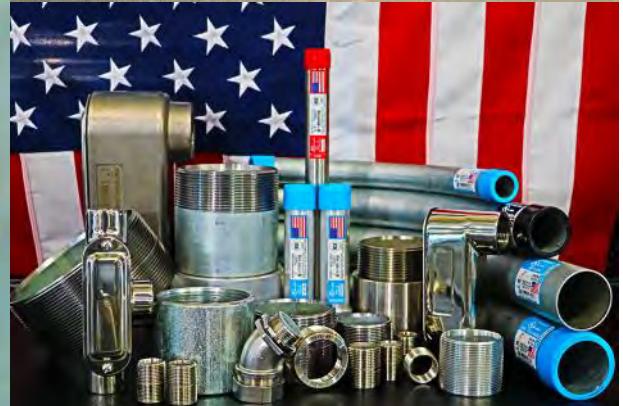


Customers Receive Photos of Each Shipment



The Patriot Truck is Coming!

Are you still paying for freight?



What Can Patriot Blue™ Do For You?

Patriot Aluminum has 4 delivery vehicles that run weekly routes through the Midwest, Southeast, Mid Atlantic, and Northeast...we like to call it **Patriot Blue™**. The service is **Free**, and there are **No Prepaid Minimums**...that's right, **No Minimums**.

Joint Training Calls



Patriot routinely makes **Joint Calls to Target Accounts** with Distributor Sales personnel. We also provide Field Training for any and all of our conduit products. Above are a few photos of an industry icon, **John T. Griffin** showing several Contractors and Engineers how to properly thread 316 Stainless Steel, on their equipment in their facility.



Targeted Customer Events & Promos

2017 Mini Cooper Sponsorship



Branch Level Co-Op Advertising Funds

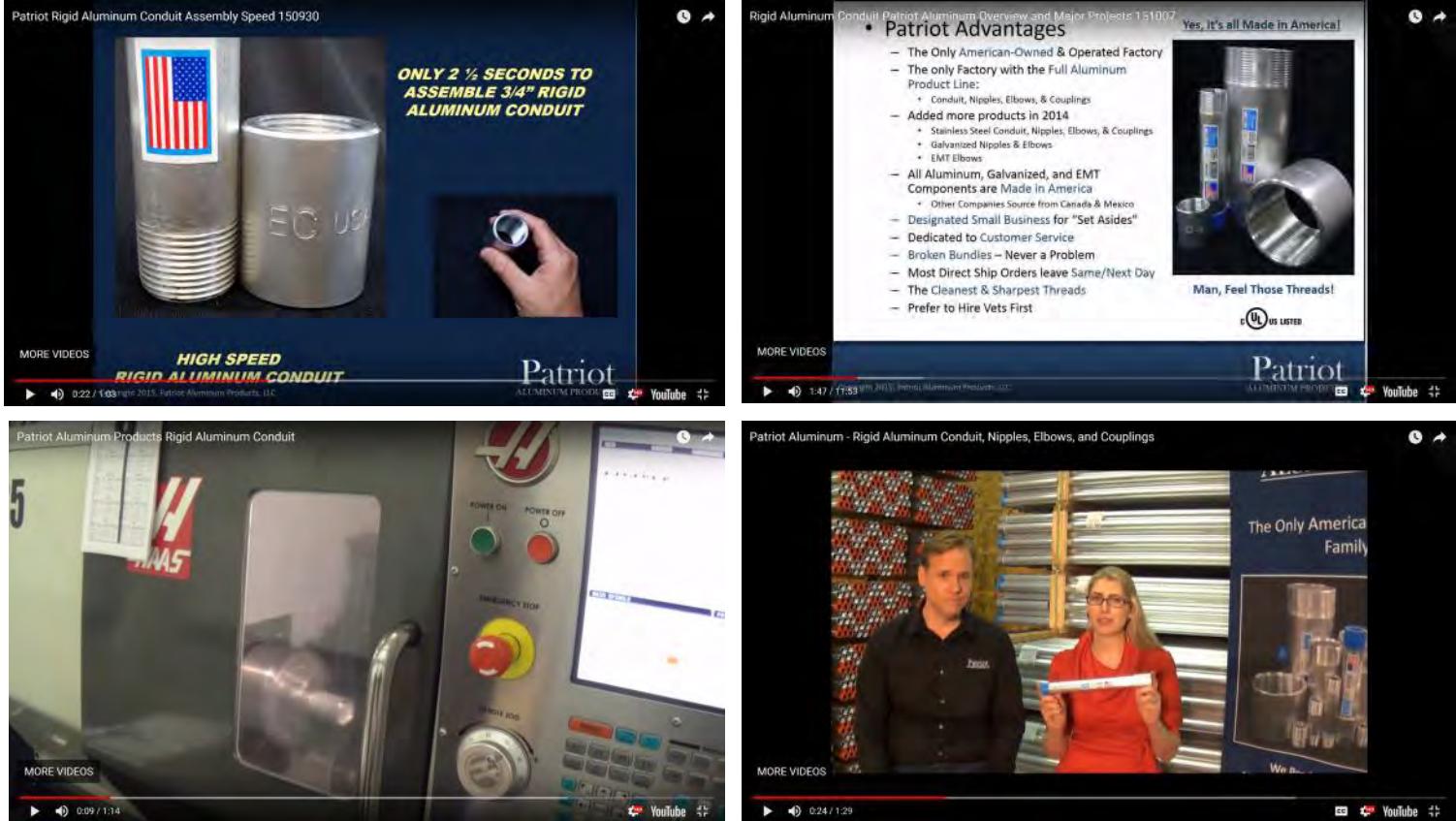


Custom Giveaways for Counter Days & Company Events

Complete YETI Drinkware Lineup – Co Branded
511 Range Bags & Cabela's Skeet Bags – Co Branded
Custom Trucker Hats – Co Branded

Online Company Videos

Product Training



Company Culture



PATRIOT STEEL PRODUCTS

Galvanized / EMT



- GRC Elbows, Nipples, & Couplings
- EMT Elbows
- No Freight and No Minimums when it rides on Patriot Blue™
- Manufactured in Virginia & Texas



July 4, 2024

Manufacturer's Certification

Patriot's GRC Elbows, Nipples & Couplings and EMT Elbows

This certification applies to the following products that have been manufactured in the United States:

- Galvanized Rigid Conduit Elbows, Nipples, & Couplings
- EMT Elbows

It is hereby certified that the above referenced products:

1. Are made from Steel which has been Made and Melted in the USA
2. Meets the provisions of the Build America, Buy America Act
3. Meets the provisions of the Buy American Act
4. Meets the provisions of the American Recovery and Reinvestment Act (ARRA)
5. GRC Elbows, Nipples, & Couplings meet or exceed:
 - the UL 6 Standard For Electrical Rigid Metal Conduit – Steel requirements and are listed with the Underwriters Laboratories, File # E467495
 - the American National Standard Institute (ANSI) C80.1 and B1.20.1 Standards
 - Federal Specification WW-C-581 class 1 type A
 - CSA Standard C22.2
6. EMT Elbows meet or exceed:
 - the UL 797 Standard For Electrical Rigid Metal Conduit – Steel requirements and are listed with the Underwriters Laboratories, File # E467496
 - the American National Standard Institute (ANSI) C80.3 Standard
 - ASTM Specification A787
 - CSA Standard C22.1

Under penalty of perjury, I declare that I have examined this certification statement, and to the best of my knowledge and belief, the facts presented are true, correct, and complete.

All the best,

Tom Click
President & CEO
Patriot Aluminum Products, LLC



tom.click@patriotsas.com
Cell - 434-825-2652

Rigid Steel Conduit Nipples, Elbows, and Couplings

SUBMITTAL SHEET

Galvanized / EMT

Features:

- Precision Machined
- Made from Hot Dip Galvanized Steel Rigid Metal Conduit
- Made in the USA at:
 - Louisa Virginia
 - Chester Virginia
 - Pasadena Texas

Applications:

- Indoor, Outdoor, Wet, or Dry Locations
- Class 1, Division 1 Hazardous Locations

Certification and Compliance:



= 100 % Made in USA

- UL6 – US and Canada, File Number E467496 and E300771
- NSF/ANSI 169 Certified, ANSI C80.1, C22.2 no 45.1
- Install in accordance with "National Electrical Code" (NEC) Article 344, ANSI/NFPA 70

Industries Served:

- Warehouse & Commercial
- Corrosive Environments
- Food & Beverage
- Pulp & Paper Mills
- Chemical/Petrochemical
- Water & Wastewater Treatment
- Pharmaceutical & Cosmetics
- Refining & Extraction
- Marine & Coastal

SUBMITTAL INFORMATION

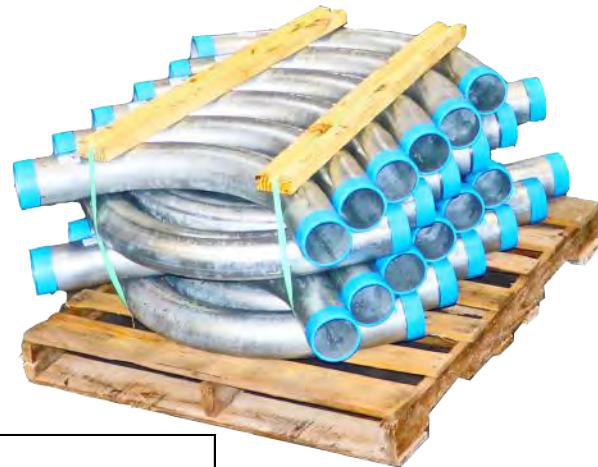
| | | | |
|---------------------------------|--|----------------------------------|--------------|
| PROJECT TITLE: | | CONTRACTOR: | DATE: |
| | | ENGINEER: | |
| PROJECT LOCATION(S): | | SECTION SUBCONTRACTOR(S): | |
| | | SECTION TITLE: | |
| SPECIFICATION REFERENCE: | | | |
| NOTES: | | | |

Patriot Industries ~ Office (434) 510-1776 ~ www.patriotsas.com
 Main HQ & Factory 1 - 205 Ferncliff Drive - Louisa, VA 23093
 Factory 2 - 13721 US 1 Plant 4/4A - Chester, VA 23831
 Factory 3 - 1033 Red Bluff Road - Pasadena, TX 77506



Rigid Steel Conduit Elbows

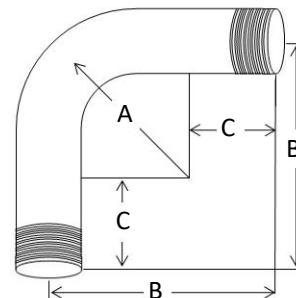
- UL6 – File #E467496
- Made in Louisa Virginia, Chester Virginia, or Houston Texas



Galvanized / EMT

Standard Radius 90° GRC Elbows

| Trade Size | Standard Carton | Wgt per 100 Pcs | Nominal Dimensions | | | Part Number |
|------------|-----------------|-----------------|--------------------|----------|-------|-------------|
| | | | Radius A | B | C | |
| U.S. | Qty | Lbs | in | in | in | |
| 1/2" | 50 | 70 | 4 | 6-3/16 | 1-1/2 | RGS012EL90 |
| 3/4" | 50 | 112 | 4-1/2 | 6-3/4 | 1-1/2 | RGS034EL90 |
| 1" | 20 | 192 | 5-3/4 | 8-5/8 | 1-7/8 | RGS100EL90 |
| 1 1/4" | 20 | 320 | 7-1/4 | 10-1/16 | 2 | RGS114EL90 |
| 1 1/2" | 10 | 413 | 8-1/4 | 11-9/16 | 2 | RGS112EL90 |
| 2" | 10 | 670 | 9-1/2 | 14-1/16 | 2 | RGS200EL90 |
| 2 1/2" | 10 | 1200 | 10-1/2 | 16 | 3 | RGS212EL90 |
| 3" | 10 | 1900 | 13 | 19-11/16 | 3-1/8 | RGS300EL90 |
| 3 1/2" | 5 | 2800 | 15 | 22-3/16 | 3-1/4 | RGS312EL90 |
| 4" | 5 | 3100 | 16 | 23-1/8 | 3-3/8 | RGS400EL90 |
| 5" | Bulk | 6800 | 24 | 36-1/8 | 3-5/8 | RGS500EL90 |
| 6" | Bulk | 11400 | 30 | 42-15/16 | 3-3/4 | RGS600EL90 |



Standard Radius 45° GRC Elbows

| Trade Size | Standard Carton | Wgt per 100 Pcs | Nominal Dimensions | | | Part Number |
|------------|-----------------|-----------------|--------------------|----------|---------|-------------|
| | | | Radius A | B | C | |
| U.S. | Qty | Lbs | in | in | in | |
| 1/2" | 50 | 70 | 4.000 | 7-13/16 | 3-1/4 | RGS012EL45 |
| 3/4" | 50 | 112 | 4.500 | 8-11/16 | 3-5/8 | RGS034EL45 |
| 1" | 20 | 192 | 5.750 | 9-3/16 | 3-13/16 | RGS100EL45 |
| 1 1/4" | 20 | 320 | 7.250 | 10-11/16 | 4-7/16 | RGS114EL45 |
| 1 1/2" | 10 | 413 | 8.250 | 11-13/16 | 4-7/8 | RGS112EL45 |
| 2" | 10 | 670 | 9.500 | 14-7/8 | 6-1/8 | RGS200EL45 |
| 2 1/2" | 10 | 1200 | 10.500 | 18-5/16 | 7-9/16 | RGS212EL45 |
| 3" | 10 | 1900 | 13.000 | 20-9/16 | 8-1/2 | RGS300EL45 |
| 3 1/2" | 5 | 2800 | 15.000 | 23-3/16 | 9-5/8 | RGS312EL45 |
| 4" | 5 | 3100 | 16.000 | 24-1/2 | 10-1/8 | RGS400EL45 |
| 5" | Bulk | 6800 | 24.000 | 38-1/4 | 15-7/8 | RGS500EL45 |
| 6" | Bulk | 11400 | 30.000 | 42 | 17-3/8 | RGS600EL45 |

~ Standard radius elbows also available in 60, 30, 22 ½, 15 and 11 ¼.

~ Special Large Radius 90° RGS Elbows are available with up to a 60" Radius.

Patriot Industries ~ Office (434) 510-1776 ~ www.patriotsas.com
 Main HQ & Factory 1 - 205 Ferncliff Drive - Louisa, VA 23093
 Factory 2 - 13721 US 1 Plant 4/4A - Chester, VA 23831
 Factory 3 - 1033 Red Bluff Road - Pasadena, TX 77506



US LISTED



Quote Request

Rigid Steel Conduit Nipples



- UL6 – File #E467496
- Made in Louisa Virginia, Chester Virginia, or Houston Texas



Galvanized / EMT

| Galvanized Rigid Steel Conduit Nipples | | | | | |
|---|--------|--------|---------|--------|---------------|
| Size | Length | Weight | Box Qty | Origin | Part Number |
| 1/2" GRC NIPPLES | | | | | |
| 1/2" X CLOSE | 1 1/8" | 0.05 | 25 | USA | RGS012XCLNP |
| 1/2" X 1 1/2" | 1 1/2" | 0.08 | 25 | USA | RGS012X112NP |
| 1/2" X 2" | 2" | 0.10 | 25 | USA | RGS012X200NP |
| 1/2" X 2 1/2" | 2 1/2" | 0.14 | 25 | USA | RGS012X212NP |
| 1/2" X 3" | 3" | 0.18 | 25 | USA | RGS012X300NP |
| 1/2" X 3 1/2" | 3 1/2" | 0.22 | 25 | USA | RGS012X312NP |
| 1/2" X 4" | 4" | 0.24 | 25 | USA | RGS012X400NP |
| 1/2" X 5" | 5" | 0.30 | 25 | USA | RGS012X500NP |
| 1/2" X 6" | 6" | 0.40 | 25 | USA | RGS012X600NP |
| 1/2" X 8" | 8" | 0.51 | 25 | USA | RGS012X800NP |
| 1/2" X 10" | 10" | 0.68 | 25 | USA | RGS012X1000NP |
| 1/2" X 12" | 12" | 0.80 | 25 | USA | RGS012X1200NP |
| 3/4" GRC NIPPLES | | | | | |
| 3/4" X CLOSE | 1 3/8" | 0.08 | 25 | USA | RGS034XCLNP |
| 3/4" X 1 1/2" | 1 1/2" | 0.09 | 25 | USA | RGS034X112NP |
| 3/4" X 2" | 2" | 0.13 | 25 | USA | RGS034X200NP |
| 3/4" X 2 1/2" | 2 1/2" | 0.19 | 25 | USA | RGS034X212NP |
| 3/4" X 3" | 3" | 0.23 | 25 | USA | RGS034X300NP |
| 3/4" X 3 1/2" | 3 1/2" | 0.28 | 25 | USA | RGS034X312NP |
| 3/4" X 4" | 4" | 0.33 | 25 | USA | RGS034X400NP |
| 3/4" X 5" | 5" | 0.40 | 25 | USA | RGS034X500NP |
| 3/4" X 6" | 6" | 0.50 | 25 | USA | RGS034X600NP |
| 3/4" X 8" | 8" | 0.73 | 25 | USA | RGS034X800NP |
| 3/4" X 10" | 10" | 0.84 | 25 | USA | RGS034X1000NP |
| 3/4" X 12" | 12" | 1.08 | 25 | USA | RGS034X1200NP |
| 1" GRC NIPPLES | | | | | |
| 1" X CLOSE | 1 1/2" | 0.16 | 25 | USA | RGS100XCLNP |
| 1" X 2" | 2" | 0.20 | 25 | USA | RGS100X200NP |
| 1" X 2 1/2" | 2 1/2" | 0.27 | 25 | USA | RGS100X212NP |
| 1" X 3" | 3" | 0.34 | 25 | USA | RGS100X300NP |
| 1" X 3 1/2" | 3 1/2" | 0.41 | 25 | USA | RGS100X312NP |
| 1" X 4" | 4" | 0.47 | 25 | USA | RGS100X400NP |
| 1" X 5" | 5" | 0.63 | 25 | USA | RGS100X500NP |
| 1" X 6" | 6" | 0.75 | 25 | USA | RGS100X600NP |
| 1" X 8" | 8" | 1.09 | 25 | USA | RGS100X800NP |
| 1" X 10" | 10" | 1.38 | 25 | USA | RGS100X1000NP |
| 1" X 12" | 12" | 1.47 | 25 | USA | RGS100X1200NP |
| Galvanized Rigid Steel Conduit Nipples | | | | | |
| Size | Length | Weight | Box Qty | Origin | Part Number |
| 1 1/4" GRC NIPPLES | | | | | |
| 1 1/4" X CLOSE | 1 5/8" | 0.19 | 25 | USA | RGS114XCLNP |
| 1 1/4" X 2" | 2" | 0.25 | 25 | USA | RGS114X200NP |
| 1 1/4" X 2 1/2" | 2 1/2" | 0.34 | 25 | USA | RGS114X212NP |
| 1 1/4" X 3" | 3" | 0.44 | 25 | USA | RGS114X300NP |
| 1 1/4" X 3 1/2" | 3 1/2" | 0.55 | 25 | USA | RGS114X312NP |
| 1 1/4" X 4" | 4" | 0.62 | 25 | USA | RGS114X400NP |
| 1 1/4" X 5" | 5" | 0.80 | 25 | USA | RGS114X500NP |
| 1 1/4" X 6" | 6" | 1.00 | 25 | USA | RGS114X600NP |
| 1 1/4" X 8" | 8" | 1.36 | 15 | USA | RGS114X800NP |
| 1 1/4" X 10" | 10" | 1.82 | 15 | USA | RGS114X1000NP |
| 1 1/4" X 12" | 12" | 1.97 | 15 | USA | RGS114X1200NP |
| 1 1/2" GRC NIPPLES | | | | | |
| 1 1/2" X CLOSE | 1 3/4" | 0.24 | 25 | USA | RGS112XCLNP |
| 1 1/2" X 2" | 2" | 0.28 | 25 | USA | RGS112X200NP |
| 1 1/2" X 2 1/2" | 2 1/2" | 0.36 | 25 | USA | RGS112X212NP |
| 1 1/2" X 3" | 3" | 0.48 | 25 | USA | RGS112X300NP |
| 1 1/2" X 3 1/2" | 3 1/2" | 0.68 | 25 | USA | RGS112X312NP |
| 1 1/2" X 4" | 4" | 0.77 | 25 | USA | RGS112X400NP |
| 1 1/2" X 5" | 5" | 0.97 | 10 | USA | RGS112X500NP |
| 1 1/2" X 6" | 6" | 1.13 | 10 | USA | RGS112X600NP |
| 1 1/2" X 8" | 8" | 1.53 | 25 | USA | RGS112X800NP |
| 1 1/2" X 10" | 10" | 1.94 | 25 | USA | RGS112X1000NP |
| 1 1/2" X 12" | 12" | 2.60 | 25 | USA | RGS112X1200NP |
| 2" GRC NIPPLES | | | | | |
| 2" X CLOSE | 2" | 0.38 | 25 | USA | RGS200XCLNP |
| 2" X 2 1/2" | 2 1/2" | 0.59 | 25 | USA | RGS200X212NP |
| 2" X 3" | 3" | 0.62 | 25 | USA | RGS200X300NP |
| 2" X 3 1/2" | 3 1/2" | 0.88 | 25 | USA | RGS200X312NP |
| 2" X 4" | 4" | 0.90 | 25 | USA | RGS200X400NP |
| 2" X 5" | 5" | 1.32 | 25 | USA | RGS200X500NP |
| 2" X 6" | 6" | 1.46 | 10 | USA | RGS200X600NP |
| 2" X 8" | 8" | 2.20 | 10 | USA | RGS200X800NP |
| 2" X 10" | 10" | 2.85 | 25 | USA | RGS200X1000NP |
| 2" X 12" | 12" | 3.02 | 10 | USA | RGS200X1200NP |

~ Custom length nipples are available. Any length, any quantity.

Patriot Industries ~ Office (434) 510-1776 ~ www.patriotsas.com
 Main HQ & Factory 1 - 205 Ferncliff Drive - Louisa, VA 23093
 Factory 2 - 13721 US 1 Plant 4/4A - Chester, VA 23831
 Factory 3 - 1033 Red Bluff Road - Pasadena, TX 77506



Rigid Steel Conduit Nipples



- UL6 – File #E467496
- Made in Louisa Virginia, Chester Virginia, or Houston Texas

| Galvanized Rigid Steel Conduit Nipples | | | | | |
|--|--------|--------|---------|--------|---------------|
| Size | Length | Weight | Box Qty | Origin | Part Number |
| 2 1/2" GRC NIPPLES | | | | | |
| 2 1/2" X CLOSE | 2 1/2" | 0.84 | 10 | USA | RGS212XCLNP |
| 2 1/2" X 3" | 3" | 1.00 | 10 | USA | RGS212X300NP |
| 2 1/2" X 3 1/2" | 3 1/2" | 1.20 | 10 | USA | RGS212X312NP |
| 2 1/2" X 4" | 4" | 1.50 | 10 | USA | RGS212X400NP |
| 2 1/2" X 5" | 5" | 1.97 | 10 | USA | RGS212X500NP |
| 2 1/2" X 6" | 6" | 2.40 | 10 | USA | RGS212X600NP |
| 2 1/2" X 8" | 8" | 3.29 | 5 | USA | RGS212X800NP |
| 2 1/2" X 10" | 10" | 4.22 | 10 | USA | RGS212X1000NP |
| 2 1/2" X 12" | 12" | 5.05 | 10 | USA | RGS212X1200NP |
| 3" GRC NIPPLES | | | | | |
| 3" X CLOSE | 2 5/8" | 1.18 | 10 | USA | RGS300XCLNP |
| 3" X 3" | 3" | 1.30 | 10 | USA | RGS300X300NP |
| 3" X 3 1/2" | 3 1/2" | 1.57 | 5 | USA | RGS300X312NP |
| 3" X 4" | 4" | 2.00 | 5 | USA | RGS300X400NP |
| 3" X 5" | 5" | 2.60 | 10 | USA | RGS300X500NP |
| 3" X 6" | 6" | 3.00 | 10 | USA | RGS300X600NP |
| 3" X 8" | 8" | 4.11 | 10 | USA | RGS300X800NP |
| 3" X 10" | 10" | 5.28 | 5 | USA | RGS300X1000NP |
| 3" X 12" | 12" | 6.30 | 5 | USA | RGS300X1200NP |
| 3 1/2" GRC NIPPLES | | | | | |
| 3 1/2" X CLOSE | 2 3/4" | 1.60 | 10 | USA | RGS312XCLNP |
| 3 1/2" X 4" | 4" | 2.40 | 10 | USA | RGS312X400NP |
| 3 1/2" X 5" | 5" | 3.20 | 10 | USA | RGS312X500NP |
| 3 1/2" X 6" | 6" | 3.73 | 10 | USA | RGS312X600NP |
| 3 1/2" X 8" | 8" | 5.10 | 5 | USA | RGS312X800NP |
| 3 1/2" X 10" | 10" | 6.55 | 5 | USA | RGS312X1000NP |
| 3 1/2" X 12" | 12" | 7.85 | 2 | USA | RGS312X1200NP |

| Galvanized Rigid Steel Conduit Nipples | | | | | |
|--|--------|--------|---------|--------|---------------|
| Size | Length | Weight | Box Qty | Origin | Part Number |
| 4" GRC NIPPLES | | | | | |
| 4" X CLOSE | 2 7/8" | 1.80 | 2 | USA | RGS400XCLNP |
| 4" X 4" | 4" | 2.85 | 5 | USA | RGS400X400NP |
| 4" X 5" | 5" | 3.80 | 5 | USA | RGS400X500NP |
| 4" X 6" | 6" | 4.40 | 5 | USA | RGS400X600NP |
| 4" X 8" | 8" | 6.00 | 2 | USA | RGS400X800NP |
| 4" X 10" | 10" | 7.75 | 2 | USA | RGS400X1000NP |
| 4" X 12" | 12" | 9.25 | 2 | USA | RGS400X1200NP |
| 5" GRC NIPPLES | | | | | |
| 5" X CLOSE | 3" | 2.40 | Bulk | USA | RGS500XCLNP |
| 5" X 5" | 5" | 4.80 | Bulk | USA | RGS500X500NP |
| 5" X 6" | 6" | 6.00 | Bulk | USA | RGS500X600NP |
| 5" X 8" | 8" | 8.25 | Bulk | USA | RGS500X800NP |
| 5" X 10" | 10" | 10.55 | Bulk | USA | RGS500X1000NP |
| 5" X 12" | 12" | 12.60 | Bulk | USA | RGS500X1200NP |
| 6" GRC NIPPLES | | | | | |
| 6" X CLOSE | 3 1/8" | 3.50 | Bulk | USA | RGS600XCLNP |
| 6" X 5" | 5" | 6.60 | Bulk | USA | RGS600X500NP |
| 6" X 6" | 6" | 8.20 | Bulk | USA | RGS600X600NP |
| 6" X 8" | 8" | 10.40 | Bulk | USA | RGS600X800NP |
| 6" X 10" | 10" | 14.40 | Bulk | USA | RGS600X1000NP |
| 6" X 12" | 12" | 17.20 | Bulk | USA | RGS600X1200NP |

Galvanized / EMT



~ Custom length nipples are available. Any length, any quantity.

Patriot Industries ~ Office (434) 510-1776 ~ www.patriotsas.com
 Main HQ & Factory 1 - 205 Ferncliff Drive - Louisa, VA 23093
 Factory 2 - 13721 US 1 Plant 4/4A - Chester, VA 23831
 Factory 3 - 1033 Red Bluff Road - Pasadena, TX 77506



Rigid Steel Conduit Couplings



- UL6 - File #E300771
- Made in America



Galvanized / EMT

Galvanized Rigid Steel Conduit Couplings

| Trade Size | Approx Wt Per 100 Pieces | Nominal Outside Diameter | Length | Part Number |
|------------|--------------------------|--------------------------|--------|-------------|
| 1/2" | 17 | 1.010 | 1.63 | RGS012CP |
| 3/4" | 26 | 1.250 | 1.64 | RGS034CP |
| 1" | 34 | 1.530 | 1.97 | RGS100CP |
| 1 1/4" | 51 | 1.870 | 2.03 | RGS114CP |
| 1 1/2" | 61 | 2.160 | 2.06 | RGS112CP |
| 2" | 90 | 2.650 | 2.13 | RGS200CP |
| 2 1/2" | 193 | 3.250 | 3.19 | RGS212CP |
| 3" | 260 | 3.870 | 3.31 | RGS300CP |
| 3 1/2" | 358 | 4.500 | 3.41 | RGS312CP |
| 4" | 397 | 4.880 | 3.52 | RGS400CP |
| 5" | 866 | 6.000 | 3.95 | RGS500CP |
| 6" | 1000 | 7.200 | 4.25 | RGS600CP |

Patriot Industries ~ Office (434) 510-1776 ~ www.patriotsas.com
Main HQ & Factory 1 - 205 Ferncliff Drive - Louisa, VA 23093
Factory 2 - 13721 US 1 Plant 4/4A - Chester, VA 23831
Factory 3 - 1033 Red Bluff Road - Pasadena, TX 77506



SUBMITTAL SHEET

Galvanized / EMT

Features:

- Precision Machined
- Made from EMT Steel Conduit
- Made in the USA at:
 - Louisa Virginia
 - Chester Virginia
 - Pasadena Texas

Applications:

- Typically Installed where not subject to Physical Damage
- Locations may be Exposed or Concealed

Certification and Compliance:



= 100 % Made in USA

- UL797 – US and Canada, File Number E467495
- NSF/ANSI 169 Certified, ANSI C80.3, and federal specifications WW-C-563
- Install in accordance with "National Electrical Code" (NEC) Article 358, ANSI/NFPA 70

Industries Served:

- Warehouse & Commercial
- Food & Beverage
- Pulp & Paper Mills
- Chemical/Petrochemical
- Water & Wastewater Treatment
- Pharmaceutical & Cosmetics
- Refining & Extraction
- Marine & Coastal

SUBMITTAL INFORMATION

| | | | |
|---------------------------------|--|----------------------------------|--------------|
| PROJECT TITLE: | | CONTRACTOR: | DATE: |
| | | ENGINEER: | |
| PROJECT LOCATION(S): | | SECTION SUBCONTRACTOR(S): | |
| | | SECTION TITLE: | |
| SPECIFICATION REFERENCE: | | | |
| NOTES: | | | |

Patriot Industries ~ Office (434) 510-1776 ~ www.patriotsas.com
 Main HQ & Factory 1 - 205 Ferncliff Drive - Louisa, VA 23093
 Factory 2 - 13721 US 1 Plant 4/4A - Chester, VA 23831
 Factory 3 - 1033 Red Bluff Road - Pasadena, TX 77506



Quote Request

EMT Steel Elbows

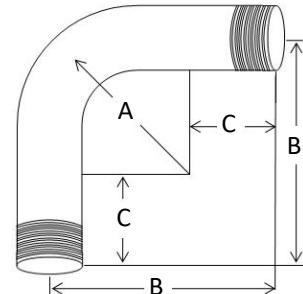


- UL797 – File #E467495
- Made in Louisa Virginia, Chester Virginia, or Houston Texas



Standard Radius 90° EMT Elbows

| Trade Size | Standard Carton | Wgt per 100 Pcs | Nominal Dimensions | | | Part Number |
|------------|-----------------|-----------------|--------------------|----------|-------|-------------|
| | | | Radius A | B | C | |
| 1/2" | 50 | 26 | 4 | 6-3/16 | 1-1/2 | EMT012EL90 |
| 3/4" | 50 | 46 | 4-1/2 | 6-3/4 | 1-1/2 | EMT034EL90 |
| 1" | 20 | 92 | 5-3/4 | 8-5/8 | 1-7/8 | EMT100EL90 |
| 1 1/4" | 20 | 135 | 7-1/4 | 10-1/16 | 2 | EMT114EL90 |
| 1 1/2" | 10 | 200 | 8-1/4 | 11-9/16 | 2 | EMT112EL90 |
| 2" | 10 | 280 | 9-1/2 | 14-1/16 | 2 | EMT200EL90 |
| 2 1/2" | 10 | 500 | 10-1/2 | 16 | 3 | EMT212EL90 |
| 3" | 10 | 750 | 13 | 19-11/16 | 3-1/8 | EMT300EL90 |
| 3 1/2" | 5 | 1014 | 15 | 22-3/16 | 3-1/4 | EMT312EL90 |
| 4" | 5 | 1300 | 16 | 23-1/8 | 3-3/8 | EMT400EL90 |



Standard Radius 45° EMT Elbows

| Trade Size | Standard Carton | Wgt per 100 Pcs | Nominal Dimensions | | | Part Number |
|------------|-----------------|-----------------|--------------------|----------|---------|-------------|
| | | | Radius A | B | C | |
| 1/2" | 50 | 26 | 4.000 | 7-13/16 | 3-1/4 | EMT012EL45 |
| 3/4" | 50 | 46 | 4.500 | 8-11/16 | 3-5/8 | EMT034EL45 |
| 1" | 20 | 92 | 5.750 | 9-3/16 | 3-13/16 | EMT100EL45 |
| 1 1/4" | 20 | 135 | 7.250 | 10-11/16 | 4-7/16 | EMT114EL45 |
| 1 1/2" | 10 | 200 | 8.250 | 11-13/16 | 4-7/8 | EMT112EL45 |
| 2" | 10 | 280 | 9.500 | 14-7/8 | 6-1/8 | EMT200EL45 |
| 2 1/2" | 10 | 500 | 10.500 | 18-5/16 | 7-9/16 | EMT212EL45 |
| 3" | 10 | 750 | 13.000 | 20-9/16 | 8-1/2 | EMT300EL45 |
| 3 1/2" | 5 | 1014 | 15.000 | 23-3/16 | 9-5/8 | EMT312EL45 |
| 4" | 5 | 1300 | 16.000 | 24-1/2 | 10-1/8 | EMT400EL45 |

~ Standard radius elbows also available in 60, 30, 22 1/2, 15 and 11 1/4.

~ Special Large Radius 90° EMT Elbows are available with up to a 48" Radius.

Patriot Industries ~ Office (434) 510-1776 ~ www.patriotsas.com
 Main HQ & Factory 1 - 205 Ferncliff Drive - Louisa, VA 23093
 Factory 2 - 13721 US 1 Plant 4/4A - Chester, VA 23831
 Factory 3 - 1033 Red Bluff Road - Pasadena, TX 77506



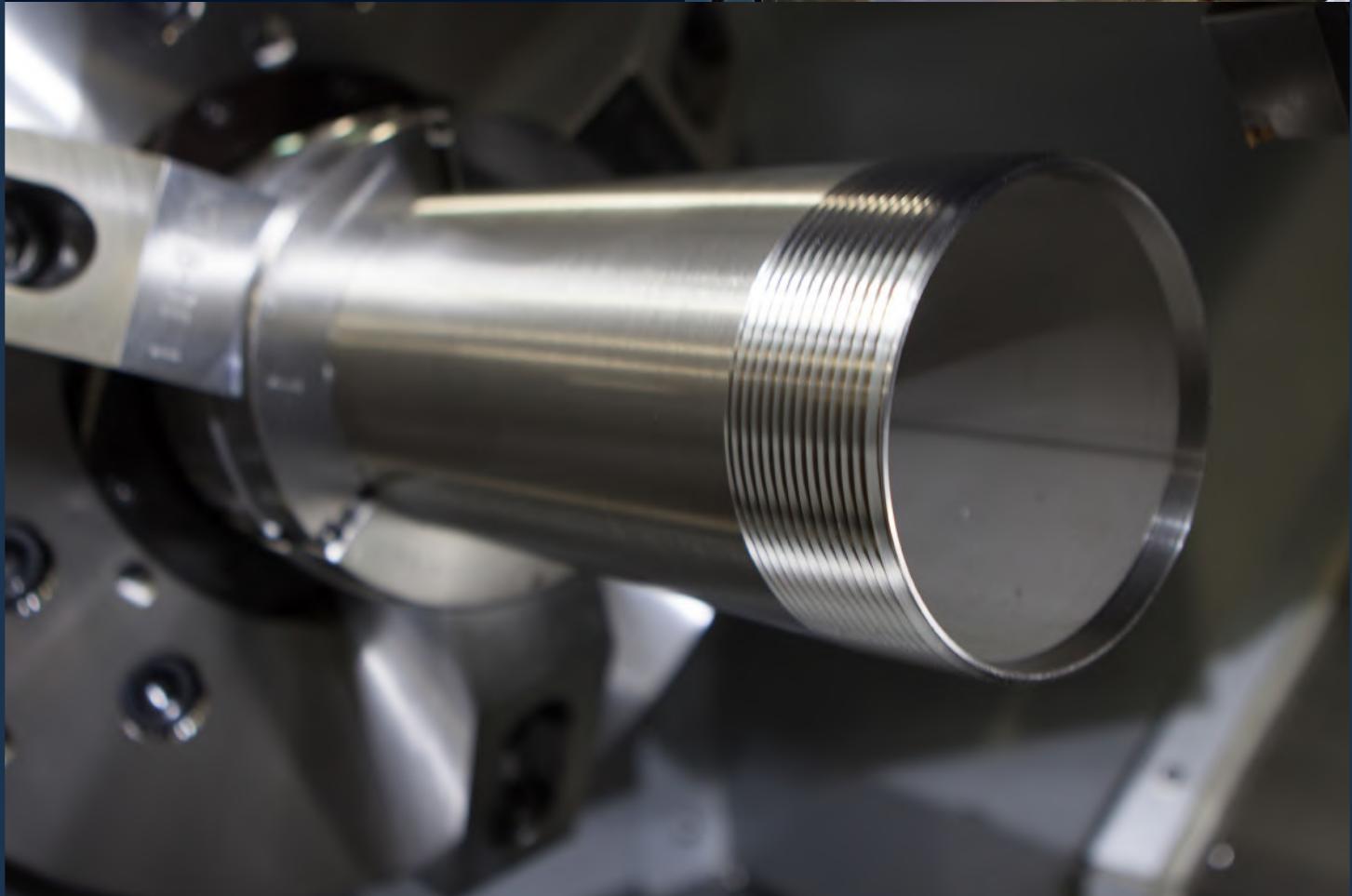
US LISTED



Quote Request

PATRIOT

STAINLESS PRODUCTS



Stainless Steel

- Rigid Stainless Steel Conduit, ECN's & Fittings
- No Freight and No Minimums when it rides on Patriot Blue™
- Conduit Products Manufactured in Virginia & Texas



July 4, 2024

Manufacturer's Certification

Patriot's Rigid Metal Conduit – Stainless Steel

This certification applies to the following products that have been manufactured in the United States, at Patriot Aluminum Products, LLC located in Louisa, VA:

- Rigid Stainless Steel Conduit, Nipples, Elbows, and Couplings

It is hereby certified that the above referenced product:

1. Meets the provisions of the Buy American Act
2. Meets the provisions of the American Recovery and Reinvestment Act (ARRA)
3. Meets or exceeds the UL 6A Standard For Electrical Rigid Metal Conduit – Aluminum, Bronze, and Stainless Steel requirements and are listed with the Underwriters Laboratories, File # E337297
4. Meets or exceeds the American National Standard Institute (ANSI) C80.5 Standard
5. Meets or exceeds Federal Specification WW-C-540c
6. Meets or exceeds ASTM Specification B221
7. Meets or exceeds CSA Standard C22.2 No. 45.2
8. Meets or exceeds NSF/ANSI Specification 169

Under penalty of perjury, I declare that I have examined this certification statement, and to the best of my knowledge and belief, the facts presented are true, correct, and complete.

All the best,

Tom Click
President & CEO
Patriot Aluminum Products, LLC



tom.click@patriotsas.com
Cell - 434-825-2652

Stainless Steel

SUBMITTAL SHEET

Features:

- Precision Machined in 316 Stainless Steel to meet Sanitary Requirements
- Polished Finish to increase Corrosion Resistance
- Made in the USA (Where Noted) at:
 - Louisa Virginia
 - Chester Virginia
 - Pasadena Texas

Applications:

- 304 & 316 Stainless Steel Conduit Products are Specified in Sanitary, Wash Down, Harsh, and/or Highly Corrosive Environments

Certification and Compliance:



= 100 % Made in USA



= Made in USA, May include Imported Raw Material

- UL6A – US and Canada, File Number E337297
- UL514A, UL514B, UL1565, UL2239 – US and Canada, File Numbers E337297, E517969, E517970
- NSF/ANSI 169 Certified, ANSI C80.5, ASTM B221, C22.2 no 45.2-08
- Manufactured to comply with ASTM A240 (Type 316) and ASTM A276-03
- Install in accordance with "National Electrical Code" (NEC), ANSI/NFPA 70

Industries Served:

- Corrosive Environments
- Food & Beverage
- Pulp & Paper Mills
- Chemical/Petrochemical
- Water & Wastewater Treatment
- Pharmaceutical & Cosmetics
- Refining & Extraction
- Marine & Coastal

Stainless Steel

SUBMITTAL INFORMATION

| | | | | |
|--------------------------|--|---------------------------|--|-------|
| PROJECT TITLE: | | CONTRACTOR: | | DATE: |
| PROJECT LOCATION(S): | | ENGINEER: | | |
| | | SECTION SUBCONTRACTOR(S): | | |
| SPECIFICATION REFERENCE: | | SECTION TITLE: | | |
| NOTES: | | | | |

Stainless Steel Rigid Conduit

- Available in 304 or 316 Stainless Steel
- Comes Fully Assembled with a Coupling and Color-Coded Thread Protector
- Made in Louisa Virginia or Houston Texas



Stainless Steel Rigid Conduit

| Trade Size | Approx Wt Per 100 Feet | Nominal Outside Diameter | Nominal Wall | Threads Per Inch | Length without Coupling | Part Number | |
|------------|------------------------|--------------------------|--------------|------------------|-------------------------|-------------|----------|
| | | | | | | Type 304 | Type 316 |
| 1/2 | 82.0 | 0.840 | 0.104 | 14 | 9' 11-1/4" | S04012CN | S16012CN |
| 3/4 | 109.0 | 1.050 | 0.107 | 14 | 9' 11-1/4" | S04034CN | S16034CN |
| 1 | 161.0 | 1.315 | 0.126 | 11.5 | 9' 11" | S04100CN | S16100CN |
| 1-1/4 | 218.0 | 1.660 | 0.133 | 11.5 | 9' 11" | S04114CN | S16114CN |
| 1-1/2 | 263.0 | 1.900 | 0.138 | 11.5 | 9' 11" | S04112CN | S16112CN |
| 2 | 350.0 | 2.375 | 0.146 | 11.5 | 9' 11" | S04200CN | S16200CN |
| 2-1/2 | 559.0 | 2.875 | 0.193 | 8 | 9' 10-1/2" | S04212CN | S16212CN |
| 3 | 727.0 | 3.500 | 0.205 | 8 | 9' 10-1/2" | S04300CN | S16300CN |
| 4 | 1008.0 | 4.500 | 0.225 | 8 | 9' 10-1/4" | S04400CN | S16400CN |

Stainless Steel

Stainless Steel Rigid Conduit Couplings



- Available in 304 or 316 Stainless Steel
- Made in Louisa Virginia or Houston Texas

Stainless Steel Rigid Conduit Couplings

| Trade Size | Approx Wt Per 10 Pieces | Nominal Outside Diameter | Nominal Inside Diameter | Length | Part Number | |
|------------|-------------------------|--------------------------|-------------------------|--------|-------------|----------|
| | | | | | Type 304 | Type 316 |
| 1/2 | 1.3 | 1.030 | 0.840 | 1.650 | S04012CP | S16012CP |
| 3/4 | 2.4 | 1.330 | 1.050 | 1.670 | S04034CP | S16034CP |
| 1 | 3.7 | 1.560 | 1.315 | 2.000 | S04100CP | S16100CP |
| 1-1/4 | 4.3 | 1.950 | 1.660 | 2.060 | S04114CP | S16114CP |
| 1-1/2 | 6.5 | 2.220 | 1.900 | 2.090 | S04112CP | S16112CP |
| 2 | 8.5 | 2.750 | 2.375 | 2.160 | S04200CP | S16200CP |
| 2-1/2 | 19.4 | 3.280 | 2.875 | 3.220 | S04212CP | S16212CP |
| 3 | 22.5 | 3.940 | 3.500 | 3.330 | S04300CP | S16300CP |
| 4 | 40.0 | 5.000 | 4.500 | 3.550 | S04400CP | S16400CP |

Patriot Industries ~ Office (434) 510-1776 ~ www.patriotsas.com
 Main HQ & Factory 1 - 205 Ferncliff Drive - Louisa, VA 23093
 Factory 2 - 13721 US 1 Plant 4/4A - Chester, VA 23831
 Factory 3 - 1033 Red Bluff Road - Pasadena, TX 77506



US LISTED



Quote Request

Stainless Steel Rigid Conduit Nipples



- Available in 304 or 316 Stainless Steel
- Made in Louisa Virginia or Houston Texas



| Size | Length | Weight | Part Number | Part Number |
|---|--------|--------|---------------|---------------|
| | | | Type 304 | Type 316 |
| 1/2" STAINLESS STEEL CONDUIT NIPPLES | | | | |
| 1/2" X CLOSE | 1 1/8" | 0.05 | S04012XCLNP | S16012XCLNP |
| 1/2" X 1 1/2" | 1 1/2" | 0.08 | S04012X112NP | S16012X112NP |
| 1/2" X 2" | 2" | 0.10 | S04012X200NP | S16012X200NP |
| 1/2" X 2 1/2" | 2 1/2" | 0.14 | S04012X212NP | S16012X212NP |
| 1/2" X 3" | 3" | 0.18 | S04012X300NP | S16012X300NP |
| 1/2" X 3 1/2" | 3 1/2" | 0.22 | S04012X312NP | S16012X312NP |
| 1/2" X 4" | 4" | 0.24 | S04012X400NP | S16012X400NP |
| 1/2" X 5" | 5" | 0.30 | S04012X500NP | S16012X500NP |
| 1/2" X 6" | 6" | 0.40 | S04012X600NP | S16012X600NP |
| 1/2" X 8" | 8" | 0.51 | S04012X800NP | S16012X800NP |
| 1/2" X 10" | 10" | 0.68 | S04012X1000NP | S16012X1000NP |
| 1/2" X 12" | 12" | 0.80 | S04012X1200NP | S16012X1200NP |
| 3/4" STAINLESS STEEL CONDUIT NIPPLES | | | | |
| 3/4" X CLOSE | 1 3/8" | 0.08 | S04034XCLNP | S16034XCLNP |
| 3/4" X 1 1/2" | 1 1/2" | 0.09 | S04034X112NP | S16034X112NP |
| 3/4" X 2" | 2" | 0.13 | S04034X200NP | S16034X200NP |
| 3/4" X 2 1/2" | 2 1/2" | 0.19 | S04034X212NP | S16034X212NP |
| 3/4" X 3" | 3" | 0.23 | S04034X300NP | S16034X300NP |
| 3/4" X 3 1/2" | 3 1/2" | 0.28 | S04034X312NP | S16034X312NP |
| 3/4" X 4" | 4" | 0.33 | S04034X400NP | S16034X400NP |
| 3/4" X 5" | 5" | 0.40 | S04034X500NP | S16034X500NP |
| 3/4" X 6" | 6" | 0.50 | S04034X600NP | S16034X600NP |
| 3/4" X 8" | 8" | 0.73 | S04034X800NP | S16034X800NP |
| 3/4" X 10" | 10" | 0.84 | S04034X1000NP | S16034X1000NP |
| 3/4" X 12" | 12" | 1.08 | S04034X1200NP | S16034X1200NP |
| 1" STAINLESS STEEL CONDUIT NIPPLES | | | | |
| 1" X CLOSE | 1 1/2" | 0.16 | S04100XCLNP | S16100XCLNP |
| 1" X 2" | 2" | 0.20 | S04100X200NP | S16100X200NP |
| 1" X 2 1/2" | 2 1/2" | 0.27 | S04100X212NP | S16100X212NP |
| 1" X 3" | 3" | 0.34 | S04100X300NP | S16100X300NP |
| 1" X 3 1/2" | 3 1/2" | 0.41 | S04100X312NP | S16100X312NP |
| 1" X 4" | 4" | 0.47 | S04100X400NP | S16100X400NP |
| 1" X 5" | 5" | 0.63 | S04100X500NP | S16100X500NP |
| 1" X 6" | 6" | 0.75 | S04100X600NP | S16100X600NP |
| 1" X 8" | 8" | 1.09 | S04100X800NP | S16100X800NP |
| 1" X 10" | 10" | 1.38 | S04100X1000NP | S16100X1000NP |
| 1" X 12" | 12" | 1.47 | S04100X1200NP | S16100X1200NP |

| Size | Length | Weight | Part Number | Part Number |
|---|--------|--------|---------------|---------------|
| | | | Type 304 | Type 316 |
| 1 1/4" STAINLESS STEEL CONDUIT NIPPLES | | | | |
| 1 1/4" X CLOSE | 1 5/8" | 0.19 | S04114XCLNP | S16114XCLNP |
| 1 1/4" X 2" | 2" | 0.25 | S04114X200NP | S16114X200NP |
| 1 1/4" X 2 1/2" | 2 1/2" | 0.34 | S04114X212NP | S16114X212NP |
| 1 1/4" X 3" | 3" | 0.44 | S04114X300NP | S16114X300NP |
| 1 1/4" X 3 1/2" | 3 1/2" | 0.55 | S04114X312NP | S16114X312NP |
| 1 1/4" X 4" | 4" | 0.62 | S04114X400NP | S16114X400NP |
| 1 1/4" X 5" | 5" | 0.80 | S04114X500NP | S16114X500NP |
| 1 1/4" X 6" | 6" | 1.00 | S04114X600NP | S16114X600NP |
| 1 1/4" X 8" | 8" | 1.36 | S04114X800NP | S16114X800NP |
| 1 1/4" X 10" | 10" | 1.82 | S04114X1000NP | S16114X1000NP |
| 1 1/4" X 12" | 12" | 1.97 | S04114X1200NP | S16114X1200NP |
| 1 1/2" STAINLESS STEEL CONDUIT NIPPLES | | | | |
| 1 1/2" X CLOSE | 1 3/4" | 0.24 | S04112XCLNP | S16112XCLNP |
| 1 1/2" X 2" | 2" | 0.28 | S04112X200NP | S16112X200NP |
| 1 1/2" X 2 1/2" | 2 1/2" | 0.36 | S04112X212NP | S16112X212NP |
| 1 1/2" X 3" | 3" | 0.48 | S04112X300NP | S16112X300NP |
| 1 1/2" X 3 1/2" | 3 1/2" | 0.68 | S04112X312NP | S16112X312NP |
| 1 1/2" X 4" | 4" | 0.77 | S04112X400NP | S16112X400NP |
| 1 1/2" X 5" | 5" | 0.97 | S04112X500NP | S16112X500NP |
| 1 1/2" X 6" | 6" | 1.13 | S04112X600NP | S16112X600NP |
| 1 1/2" X 8" | 8" | 1.53 | S04112X800NP | S16112X800NP |
| 1 1/2" X 10" | 10" | 1.94 | S04112X1000NP | S16112X1000NP |
| 1 1/2" X 12" | 12" | 2.60 | S04112X1200NP | S16112X1200NP |
| 2" STAINLESS STEEL CONDUIT NIPPLES | | | | |
| 2" X CLOSE | 2" | 0.38 | S04200XCLNP | S16200XCLNP |
| 2" X 2 1/2" | 2 1/2" | 0.59 | S04200X212NP | S16200X212NP |
| 2" X 3" | 3" | 0.62 | S04200X300NP | S16200X300NP |
| 2" X 3 1/2" | 3 1/2" | 0.88 | S04200X312NP | S16200X312NP |
| 2" X 4" | 4" | 0.90 | S04200X400NP | S16200X400NP |
| 2" X 5" | 5" | 1.32 | S04200X500NP | S16200X500NP |
| 2" X 6" | 6" | 1.46 | S04200X600NP | S16200X600NP |
| 2" X 8" | 8" | 2.20 | S04200X800NP | S16200X800NP |
| 2" X 10" | 10" | 2.85 | S04200X1000NP | S16200X1000NP |
| 2" X 12" | 12" | 3.02 | S04200X1200NP | S16200X1200NP |

Stainless Steel

* All Dimensions and Weights are for Informational Purposes, and are Subject to Standard UL Tolerances.

Patriot Industries ~ Office (434) 510-1776 ~ www.patriotsas.com
 Main HQ & Factory 1 - 205 Ferncliff Drive - Louisa, VA 23093
 Factory 2 - 13721 US 1 Plant 4/4A - Chester, VA 23831
 Factory 3 - 1033 Red Bluff Road - Pasadena, TX 77506



Quote Request

Page 29

Stainless Steel Rigid Conduit Nipples



- Available in 304 or 316 Stainless Steel
- Made in Louisa Virginia or Houston Texas



Stainless Steel

| Size | Length | Weight | Part Number | Part Number |
|---|--------|--------|---------------|---------------|
| | | | Type 304 | Type 316 |
| 2 1/2" STAINLESS STEEL CONDUIT NIPPLES | | | | |
| 2 1/2" X CLOSE | 2 1/2" | 0.84 | S04212XCLNP | S16212XCLNP |
| 2 1/2" X 3" | 3" | 1.00 | S04212X300NP | S16212X300NP |
| 2 1/2" X 3 1/2" | 3 1/2" | 1.20 | S04212X312NP | S16212X312NP |
| 2 1/2" X 4" | 4" | 1.50 | S04212X400NP | S16212X400NP |
| 2 1/2" X 5" | 5" | 1.97 | S04212X500NP | S16212X500NP |
| 2 1/2" X 6" | 6" | 2.40 | S04212X600NP | S16212X600NP |
| 2 1/2" X 8" | 8" | 3.29 | S04212X800NP | S16212X800NP |
| 2 1/2" X 10" | 10" | 4.22 | S04212X1000NP | S16212X1000NP |
| 2 1/2" X 12" | 12" | 5.05 | S04212X1200NP | S16212X1200NP |
| 3" STAINLESS STEEL CONDUIT NIPPLES | | | | |
| 3" X CLOSE | 2 5/8" | 1.18 | S04300XCLNP | S16300XCLNP |
| 3" X 3" | 3" | 1.30 | S04300X300NP | S16300X300NP |
| 3" X 3 1/2" | 3 1/2" | 1.57 | S04300X312NP | S16300X312NP |
| 3" X 4" | 4" | 2.00 | S04300X400NP | S16300X400NP |
| 3" X 5" | 5" | 2.60 | S04300X500NP | S16300X500NP |
| 3" X 6" | 6" | 3.00 | S04300X600NP | S16300X600NP |
| 3" X 8" | 8" | 4.11 | S04300X800NP | S16300X800NP |
| 3" X 10" | 10" | 5.28 | S04300X1000NP | S16300X1000NP |
| 3" X 12" | 12" | 6.30 | S04300X1200NP | S16300X1200NP |

| Size | Length | Weight | Part Number | Part Number |
|---|--------|--------|---------------|---------------|
| | | | Type 304 | Type 316 |
| 4" STAINLESS STEEL CONDUIT NIPPLES | | | | |
| 4" X CLOSE | 2 7/8" | 1.80 | S04400XCLNP | S16400XCLNP |
| 4" X 4" | 4" | 2.85 | S04400X400NP | S16400X400NP |
| 4" X 5" | 5" | 3.80 | S04400X500NP | S16400X500NP |
| 4" X 6" | 6" | 4.40 | S04400X600NP | S16400X600NP |
| 4" X 8" | 8" | 6.00 | S04400X800NP | S16400X800NP |
| 4" X 10" | 10" | 7.75 | S04400X1000NP | S16400X1000NP |
| 4" X 12" | 12" | 9.25 | S04400X1200NP | S16400X1200NP |
| 5" STAINLESS STEEL CONDUIT NIPPLES | | | | |
| 5" X CLOSE | 3" | 2.40 | S04500XCLNP | S16500XCLNP |
| 5" X 5" | 5" | 4.80 | S04500X500NP | S16500X500NP |
| 5" X 6" | 6" | 6.00 | S04500X600NP | S16500X600NP |
| 5" X 8" | 8" | 8.25 | S04500X800NP | S16500X800NP |
| 5" X 10" | 10" | 10.55 | S04500X1000NP | S16500X1000NP |
| 5" X 12" | 12" | 12.60 | S04500X1200NP | S16500X1200NP |
| 6" STAINLESS STEEL CONDUIT NIPPLES | | | | |
| 6" X CLOSE | 3 1/8" | 3.50 | S04600XCLNP | S16600XCLNP |
| 6" X 5" | 5" | 6.60 | S04600X500NP | S16600X500NP |
| 6" X 6" | 6" | 8.20 | S04600X600NP | S16600X600NP |
| 6" X 8" | 8" | 10.40 | S04600X800NP | S16600X800NP |
| 6" X 10" | 10" | 14.40 | S04600X1000NP | S16600X1000NP |
| 6" X 12" | 12" | 17.20 | S04600X1200NP | S16600X1200NP |



* All Dimensions and Weights are for Informational Purposes, and are Subject to Standard UL Tolerances.

Patriot Industries ~ Office (434) 510-1776 ~ www.patriotsas.com
 Main HQ & Factory 1 - 205 Ferncliff Drive - Louisa, VA 23093
 Factory 2 - 13721 US 1 Plant 4/4A - Chester, VA 23831
 Factory 3 - 1033 Red Bluff Road - Pasadena, TX 77506

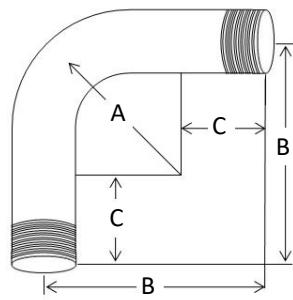


Stainless Steel Rigid Conduit Elbows



- Available in 304 or 316 Stainless Steel
- Made in Louisa Virginia, Chester Virginia, or Houston Texas
- Available in Custom Angles from 5°, Straight End Lengths, and Special Radius

| Stainless Steel Rigid Conduit Standard Radius 90° Elbows | | | | | | |
|--|----------------------|--------------------|-------|------|-------------|------------|
| Trade Size | Wgt Per 10 Pieces | Nominal Dimensions | | | Part Number | |
| | | Radius R | B | C | Type 304 | Type 316 |
| 1/2 | 7.3 | 4.00 | 6.50 | 2.50 | S04012EL90 | S16012EL90 |
| 3/4 | 10.6 | 4.50 | 7.25 | 2.75 | S04034EL90 | S16034EL90 |
| 1 | 19.8 | 5.75 | 8.38 | 2.88 | S04100EL90 | S16100EL90 |
| 1-1/4 | 30.9 | 7.25 | 10.25 | 3.00 | S04114EL90 | S16114EL90 |
| 1-1/2 | 43.0 | 8.25 | 11.88 | 3.63 | S04112EL90 | S16112EL90 |
| 2 | 70.0 | 9.50 | 14.00 | 4.50 | S04200EL90 | S16200EL90 |
| 2-1/2 | 128.1 | 10.50 | 15.75 | 5.25 | S04212EL90 | S16212EL90 |
| 3 | 204.5 | 13.00 | 18.75 | 5.75 | S04300EL90 | S16300EL90 |
| 4 | 331.3 | 16.00 | 23.00 | 7.00 | S04400EL90 | S16400EL90 |



Stainless Steel

Patriot Industries ~ Office (434) 510-1776 ~ www.patriotsas.com
 Main HQ & Factory 1 - 205 Ferncliff Drive - Louisa, VA 23093
 Factory 2 - 13721 US 1 Plant 4/4A - Chester, VA 23831
 Factory 3 - 1033 Red Bluff Road - Pasadena, TX 77506



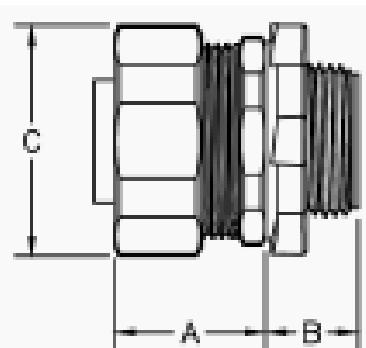
Quote Request

Stainless Steel Straight Liquid Tight Connector

- Precision Machined in 316 Stainless Steel to meet Sanitary Requirements
- Polished Finish to increase Corrosion Resistance
- 316 Stainless Steel Locknut and Neoprene O-ring included
- Manufactured to comply with UL Standards
- Temperature Ratings:
 - 316 Stainless Steel Body ~ approx. 1700°F
 - Internal Insulated Throat ~ approx. 350°F
 - Internal Plastic Ferrule ~ approx. 450°F
 - Neoprene O-ring – approx. 600°F
- Imported



| Liquid Tight Straight Connector | | | | |
|---------------------------------|-------|-------|-------|-------------|
| Trade Size | A | B | C | Part Number |
| 1/2" | 0.930 | 0.571 | 1.220 | LTC0015SS |
| 3/4" | 1.024 | 0.630 | 1.478 | LTC0020SS |
| 1" | 1.063 | 0.827 | 1.724 | LTC0025SS |
| 1 1/4" | 1.160 | 0.830 | 2.171 | LTC0032SS |
| 1 1/2" | 1.221 | 0.849 | 2.388 | LTC0040SS |
| 2" | 1.332 | 0.911 | 2.984 | LTC0050SS |

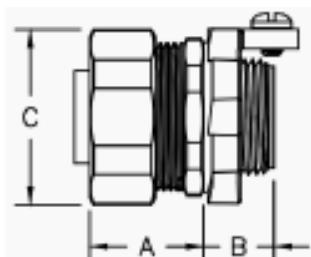


Stainless Steel Ground Straight Liquid Tight Connector

- Precision Machined in 316 Stainless Steel to meet Sanitary Requirements
- Polished Finish to increase Corrosion Resistance
- 316 Stainless Steel Locknut and Neoprene O-ring included
- Manufactured to comply with UL Standards
- Temperature Ratings:
 - 316 Stainless Steel Body ~ approx. 1700°F
 - Internal Insulated Throat ~ approx. 350°F
 - Internal Plastic Ferrule ~ approx. 450°F
 - Neoprene O-ring – approx. 600°F
- Imported

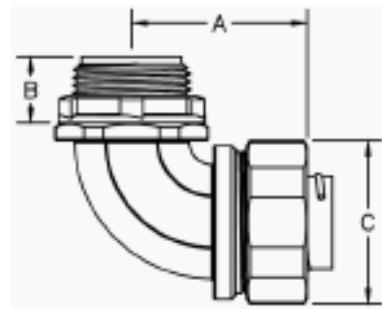


| Liquid Tight Ground Straight Connector | | | | |
|--|-------|-------|-------|-------------|
| Trade Size | A | B | C | Part Number |
| 1/2" | 0.930 | 0.571 | 1.220 | LTGC0015SS |
| 3/4" | 1.024 | 0.630 | 1.478 | LTGC0020SS |
| 1" | 1.063 | 0.827 | 1.724 | LTGC0025SS |
| 1 1/4" | 1.160 | 0.830 | 2.171 | LTGC0032SS |
| 1 1/2" | 1.221 | 0.849 | 2.388 | LTGC0040SS |
| 2" | 1.332 | 0.911 | 2.984 | LTGC0050SS |



Stainless Steel 90° Liquid Tight Connector

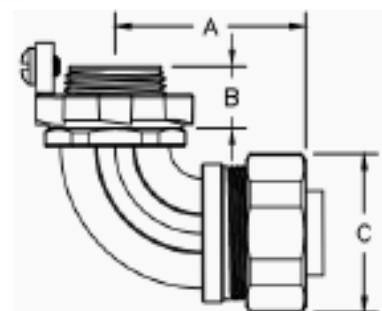
- Precision Machined in 316 Stainless Steel to meet Sanitary Requirement
- Polished Finish to increase Corrosion Resistance
- 316 Stainless Steel Locknut and Neoprene O-ring included
- Manufactured to comply with UL Standards
- Temperature Ratings:
 - 316 Stainless Steel Body ~ approx. 1700°F
 - Internal Insulated Throat ~ approx. 350°F
 - Internal Plastic Ferrule ~ approx. 450°F
 - Neoprene O-ring – approx. 600°F
- Imported



Stainless Steel

Stainless Steel Ground 90° Liquid Tight Connector

- Precision Machined in 316 Stainless Steel to meet Sanitary Requirements
- Polished Finish to increase Corrosion Resistance
- 316 Stainless Steel Locknut and Neoprene O-ring included
- Manufactured to comply with UL Standards
- Temperature Ratings:
 - 316 Stainless Steel Body ~ approx. 1700°F
 - Internal Insulated Throat ~ approx. 350°F
 - Internal Plastic Ferrule ~ approx. 450°F
 - Neoprene O-ring – approx. 600°F
- Imported



| Liquid Tight Ground 90 Connector | | | | |
|----------------------------------|-------|-------|-------|-------------|
| Trade Size | A | B | C | Part Number |
| 1/2" | 1.712 | 0.571 | 1.280 | LTC9015SS |
| 3/4" | 1.927 | 0.630 | 1.561 | LTC9020SS |
| 1" | 2.047 | 0.827 | 1.811 | LTC9025SS |
| 1 1/4" | 2.303 | 0.830 | 2.278 | LTC9032SS |
| 1 1/2" | 2.480 | 0.849 | 2.547 | LTC9040SS |
| 2" | 2.815 | 0.911 | 3.094 | LTC9050SS |

Patriot Industries ~ Office (434) 510-1776 ~ www.patriotsas.com
Main HQ & Factory 1 - 205 Ferncliff Drive - Louisa, VA 23093
Factory 2 - 13721 US 1 Plant 4/4A - Chester, VA 23831
Factory 3 - 1033 Red Bluff Road - Pasadena, TX 77506



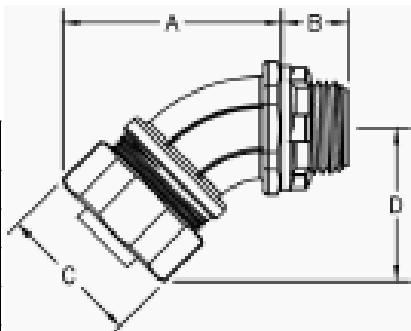
US LISTED



Quote Request

Stainless Steel 45° Liquid Tight Connector

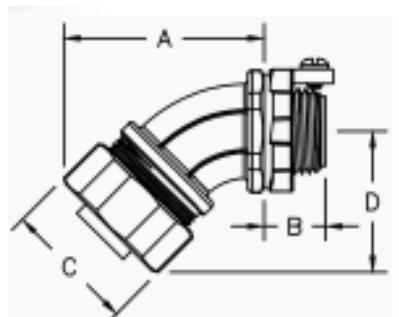
- Precision Machined in 316 Stainless Steel to meet Sanitary Requirements
- Polished Finish to increase Corrosion Resistance
- 316 Stainless Steel Locknut and Neoprene O-ring included
- Manufactured to comply with UL Standards
- Temperature Ratings:
 - 316 Stainless Steel Body ~ approx. 1700°F
 - Internal Insulated Throat ~ approx. 350°F
 - Internal Plastic Ferrule ~ approx. 450°F
 - Neoprene O-ring – approx. 600°F
- Imported



| Liquid Tight 45 Connector | | | | |
|---------------------------|-------|-------|-------|-------------|
| Trade Size | A | B | C | Part Number |
| 1/2" | 1.940 | 0.571 | 1.280 | LTC4515SS |
| 3/4" | 2.160 | 0.630 | 1.561 | LTC4520SS |
| 1" | 2.566 | 0.827 | 1.811 | LTC4525SS |
| 1 1/4" | 2.932 | 0.830 | 2.278 | LTC4532SS |
| 1 1/2" | 3.048 | 0.849 | 2.547 | LTC4540SS |
| 2" | 3.760 | 0.911 | 3.094 | LTC4550SS |

Stainless Steel Ground 45° Liquid Tight Connector

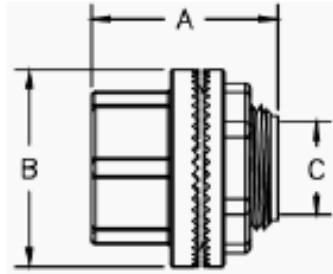
- Precision Machined in 316 Stainless Steel to meet Sanitary Requirements
- Polished Finish to increase Corrosion Resistance
- 316 Stainless Steel Locknut and Neoprene O-ring included
- Manufactured to comply with UL Standards
- Temperature Ratings:
 - 316 Stainless Steel Body ~ approx. 1700°F
 - Internal Insulated Throat ~ approx. 350°F
 - Internal Plastic Ferrule ~ approx. 450°F
 - Neoprene O-ring – approx. 600°F
- Imported



| Liquid Tight Ground 45 Connector | | | | |
|----------------------------------|-------|-------|-------|-------------|
| Trade Size | A | B | C | Part Number |
| 1/2" | 1.940 | 0.571 | 1.280 | LTGC4515SS |
| 3/4" | 2.160 | 0.630 | 1.561 | LTGC4520SS |
| 1" | 2.566 | 0.827 | 1.811 | LTGC4525SS |
| 1 1/4" | 2.932 | 0.830 | 2.278 | LTGC4532SS |
| 1 1/2" | 3.048 | 0.849 | 2.547 | LTGC4540SS |
| 2" | 3.760 | 0.911 | 3.094 | LTGC4550SS |

Stainless Steel Watertight Hub

- Precision Machined in 316 Stainless Steel to meet Sanitary Requirements
- Polished Finish to increase Corrosion Resistance
- Neoprene O-ring included
- No minimum quantity required
- Manufactured to comply with UL514B/NEMA Standards
- NEC/CEC:
 - Class I, Division 2
 - Class II, Division 1 & 2
 - Class III, Division 1 & 2
- Imported

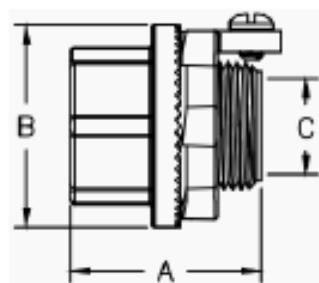


Watertight Hub

| Trade Size | A | B | C | Part Number |
|------------|-------|-------|-------|-------------|
| 1/2" | 1.575 | 1.457 | 0.591 | ST15SS |
| 3/4" | 1.583 | 1.673 | 0.783 | ST20SS |
| 1" | 1.791 | 1.988 | 0.996 | ST25SS |
| 1 1/4" | 1.929 | 2.402 | 1.311 | ST32SS |
| 1 1/2" | 2.008 | 1.717 | 1.530 | ST40SS |
| 2" | 2.087 | 3.228 | 1.964 | ST50SS |
| 2 1/2" | 2.697 | 3.740 | 2.346 | ST65SS |
| 3" | 2.736 | 4.370 | 2.915 | ST80SS |
| 4" | 2.992 | 5.433 | 3.821 | ST100SS |

Stainless Steel Watertight Grounding Hub

- Precision Machined in 316 Stainless Steel to meet Sanitary Requirements
- Polished Finish to increase Corrosion Resistance
- Neoprene O-ring included
- No minimum quantity required
- Manufactured to comply with UL514B/NEMA Standards
- NEC/CEC:
 - Class I, Division 2
 - Class II, Division 1 & 2
 - Class III, Division 1 & 2
- Imported



Watertight Ground Hub

| Trade Size | A | B | C | Part Number |
|------------|-------|-------|-------|-------------|
| 1/2" | 1.575 | 1.457 | 0.591 | STG15SS |
| 3/4" | 1.583 | 1.673 | 0.783 | STG20SS |
| 1" | 1.791 | 1.988 | 0.996 | STG25SS |
| 1 1/4" | 1.929 | 2.402 | 1.311 | STG32SS |
| 1 1/2" | 2.008 | 1.717 | 1.530 | STG40SS |
| 2" | 2.087 | 3.228 | 1.964 | STG50SS |
| 2 1/2" | 2.697 | 3.740 | 2.346 | STG65SS |
| 3" | 2.736 | 4.370 | 2.915 | STG80SS |
| 4" | 2.992 | 5.433 | 3.821 | STG100SS |

Stainless Steel

Patriot Industries ~ Office (434) 510-1776 ~ www.patriotsas.com
Main HQ & Factory 1 - 205 Ferncliff Drive - Louisa, VA 23093
Factory 2 - 13721 US 1 Plant 4/4A - Chester, VA 23831
Factory 3 - 1033 Red Bluff Road - Pasadena, TX 77506



US LISTED



Quote Request

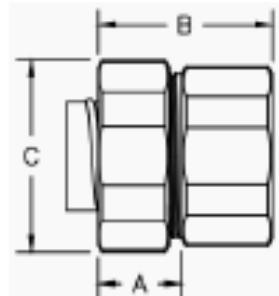
Stainless Steel LT Combination Coupling

- Precision Machined in 316 Stainless Steel to meet Sanitary Requirements
- Polished Finish to increase Corrosion Resistance
- No minimum quantity required
- Manufactured to comply with UL514B/NEMA Standards
- Imported



LT Combination Coupling

| Trade Size | A | B | C | Part Number |
|------------|-------|-------|-------|-------------|
| 1/2" | 0.805 | 1.550 | 1.283 | LTR9015SS |
| 3/4" | 0.805 | 1.550 | 1.563 | LTR9020SS |
| 1" | 0.866 | 1.811 | 1.811 | LTR9025SS |
| 1 1/4" | 0.940 | 1.924 | 2.283 | LTR9032SS |
| 1 1/2" | 1.020 | 2.044 | 2.551 | LTR9040SS |
| 2" | 1.110 | 2.169 | 3.091 | LTR9050SS |



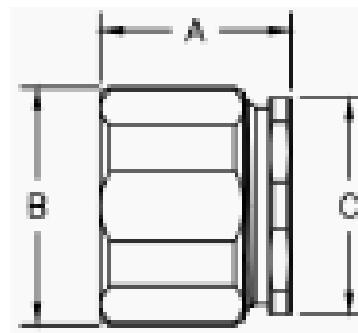
Stainless Steel 3 Piece Coupling

- Precision Machined in 316 Stainless Steel to meet Sanitary Requirements
- Polished Finish to increase Corrosion Resistance
- Designed for use with Threaded Stainless Steel Conduit
- Smooth Inside Diameter
- No minimum quantity required
- Manufactured to comply with UL514B/NEMA Standards
- Imported



Three Piece Coupling

| Trade Size | A | B | C | Part Number |
|------------|-------|-------|-------|-------------|
| 1/2" | 1.102 | 1.260 | 1.181 | 3PC15SS |
| 3/4" | 1.122 | 1.499 | 1.260 | 3PC20SS |
| 1" | 1.370 | 1.728 | 1.571 | 3PC25SS |
| 1 1/4" | 1.909 | 2.283 | 2.118 | 3PC32SS |
| 1 1/2" | 1.929 | 2.126 | 2.244 | 3PC40SS |
| 2" | 1.480 | 3.110 | 2.913 | 3PC50SS |



Patriot Industries ~ Office (434) 510-1776 ~ www.patriotsas.com
 Main HQ & Factory 1 - 205 Ferncliff Drive - Louisa, VA 23093
 Factory 2 - 13721 US 1 Plant 4/4A - Chester, VA 23831
 Factory 3 - 1033 Red Bluff Road - Pasadena, TX 77506

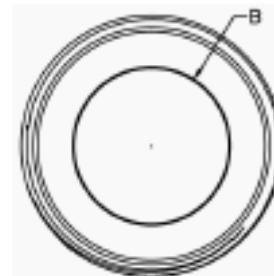
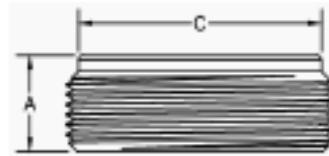


Stainless Steel Reducing Bushing

- Precision Machined in 316 Stainless Steel to meet Sanitary Requirements
- Polished Finish to increase Corrosion Resistance
- Designed for use with Threaded Stainless Steel Conduit
- No minimum quantity required
- Manufactured to comply with UL514B/NEMA Standards
- Imported



| Reducing Bushing | | | | |
|------------------|-------|-------|-------|-------------|
| Trade Size | A | B | C | Part Number |
| 3/4" x 1/2" | 0.559 | 0.610 | 0.870 | RB1SS |
| 1" x 1/2" | 0.630 | 0.610 | 1.110 | RB2SS |
| 1" x 3/4" | 0.630 | 0.810 | 1.110 | RB3SS |
| 1 1/4" x 1/2" | 0.701 | 0.610 | 1.429 | RB4SS |
| 1 1/4" x 3/4" | 0.701 | 0.810 | 1.429 | RB5SS |
| 1 1/4" x 1" | 0.701 | 1.035 | 1.429 | RB6SS |
| 1 1/2" x 1/2" | 0.701 | 0.610 | 1.681 | RB7SS |
| 1 1/2" x 3/4" | 0.701 | 0.810 | 1.681 | RB8SS |
| 1 1/2" x 1" | 0.701 | 1.035 | 1.681 | RB9SS |
| 1 1/2" x 1 1/4" | 0.701 | 1.355 | 1.681 | RB10SS |
| 2" x 1/2" | 0.858 | 0.610 | 2.098 | RB110SS |
| 2" x 3/4" | 0.858 | 0.810 | 2.098 | RB111SS |
| 2" x 1" | 0.858 | 1.035 | 2.098 | RB11SS |
| 2" x 1 1/4" | 0.858 | 1.355 | 2.098 | RB12SS |
| 2" x 1 1/2" | 0.858 | 1.600 | 2.098 | RB13SS |
| 2 1/2" x 1" | 1.016 | 1.035 | 2.504 | RB14SS |
| 2 1/2" x 1 1/4" | 1.016 | 1.355 | 2.504 | RB15SS |
| 2 1/2" x 1 1/2" | 1.016 | 1.600 | 2.504 | RB16SS |
| 2 1/2" x 2" | 1.016 | 2.050 | 2.504 | RB17SS |
| 3" x 1" | 1.173 | 2.050 | 3.130 | RB18SS |
| 3" x 1 1/4" | 1.173 | 1.035 | 3.130 | RB19SS |
| 3" x 1 1/2" | 1.173 | 1.355 | 3.130 | RB20SS |
| 3" x 2" | 1.173 | 1.600 | 3.130 | RB21SS |
| 3" x 2 1/2" | 1.173 | 2.050 | 3.130 | RB22SS |
| 4" x 2" | 1.488 | 2.450 | 4.130 | RB26SS |
| 4" x 2 1/2" | 1.488 | 3.000 | 4.130 | RB27SS |
| 4" x 3" | 1.488 | 3.500 | 4.130 | RB28SS |



Stainless Steel

Patriot Industries ~ Office (434) 510-1776 ~ www.patriotsas.com
 Main HQ & Factory 1 - 205 Ferncliff Drive - Louisa, VA 23093
 Factory 2 - 13721 US 1 Plant 4/4A - Chester, VA 23831
 Factory 3 - 1033 Red Bluff Road - Pasadena, TX 77506



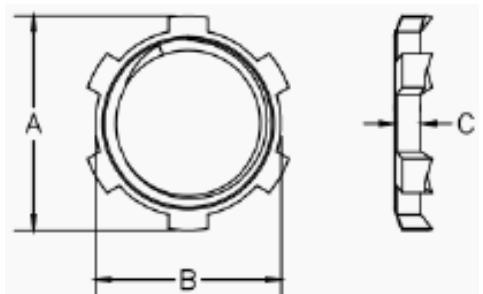
Quote Request

Stainless Steel Locknuts

- Precision Machined in 316 Stainless Steel to meet Sanitary Requirements
- Polished Finish to increase Corrosion Resistance
- No minimum quantity required
- Used to secure Stainless Steel Conduit or Connectors to Threadless Openings in a Box, Fitting, or Enclosure
- Manufactured to comply with UL514B/NEMA Standards
- Imported



| Stainless Steel Locknut | | | | |
|-------------------------|-------|-------|-------|-------------|
| Trade Size | A | B | C | Part Number |
| 1/2" | 1.142 | 1.011 | 0.134 | RLN15SS |
| 3/4" | 1.389 | 1.258 | 0.134 | RLN20SS |
| 1" | 1.724 | 1.269 | 0.134 | RLN25SS |
| 1 1/4" | 2.082 | 1.921 | 0.177 | RLN32SS |
| 1 1/2" | 2.392 | 2.203 | 0.177 | RLN40SS |
| 2" | 2.901 | 2.711 | 0.177 | RLN50SS |
| 2 1/2" | 3.445 | 3.253 | 0.177 | RLN65SS |
| 3" | 4.133 | 3.947 | 0.177 | RLN80SS |
| 4" | 5.258 | 5.011 | 0.177 | RLN100SS |



Stainless Steel Rigid Drain Plug



- Precision Machined in 316 Stainless Steel to meet Sanitary Requirements
- Polished Finish to increase Corrosion Resistance
- Standard NPT Threads
- Made in USA



| Stainless Steel Drain Plug | | | | |
|----------------------------|-------------|-----------|--------------------|-------------|
| Trade Size | Part Number | Body Bore | Max Knock Out Size | NEMA Rating |
| 3/4" | RDC75SS | 0.791 | 1.141 | 3R |

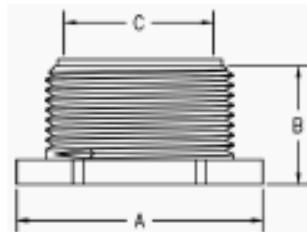
Patriot Industries ~ Office (434) 510-1776 ~ www.patriotsas.com
 Main HQ & Factory 1 - 205 Ferncliff Drive - Louisa, VA 23093
 Factory 2 - 13721 US 1 Plant 4/4A - Chester, VA 23831
 Factory 3 - 1033 Red Bluff Road - Pasadena, TX 77506



Stainless Steel Chase Nipple

- Precision Machined in 316 Stainless Steel to meet Sanitary Requirements
- Polished Finish to increase Corrosion Resistance
- Imported

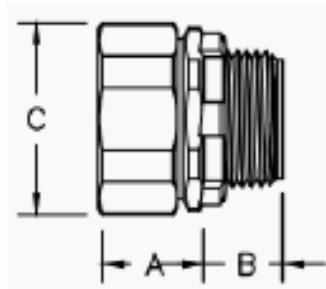
| Stainless Steel Chase Nipple | | | | |
|-------------------------------------|-------|-------|-------|-------------|
| Trade Size | A | B | C | Part Number |
| 1/2" | 1.063 | 0.563 | 0.591 | RBN15SS |
| 3/4" | 1.339 | 0.657 | 0.783 | RBN20SS |
| 1" | 1.646 | 0.965 | 0.997 | RBN25SS |
| 1 1/4" | 2.126 | 1.031 | 1.311 | RBN32SS |
| 1 1/2" | 2.394 | 1.150 | 1.530 | RBN40SS |
| 2" | 2.921 | 1.189 | 1.964 | RBN50SS |
| 2 1/2" | 3.602 | 1.437 | 2.346 | RBN65SS |
| 3" | 4.413 | 1.555 | 2.915 | RBN80SS |
| 4" | 5.531 | 1.752 | 3.824 | RBN100SS |



Stainless Steel Rigid Compression Connector

- Precision Machined in 316 Stainless Steel to meet Sanitary Requirements
- Polished Finish to increase Corrosion Resistance
- Imported

| Stainless Steel Rigid Compression Connector | | | | |
|--|-------|-------|-------|-------------|
| Trade Size | A | B | C | Part Number |
| 1/2" | 0.810 | 0.571 | 1.172 | RCC015SS |
| 3/4" | 0.887 | 0.601 | 1.461 | RCC020SS |
| 1" | 0.992 | 0.638 | 1.724 | RCC025SS |
| 1 1/4" | 1.195 | 0.744 | 2.171 | RCC032SS |
| 1 1/2" | 1.251 | 0.771 | 2.388 | RCC040SS |
| 2" | 1.256 | 0.835 | 2.914 | RCC050SS |



Patriot Industries ~ Office (434) 510-1776 ~ www.patriotsas.com
Main HQ & Factory 1 - 205 Ferncliff Drive - Louisa, VA 23093
Factory 2 - 13721 US 1 Plant 4/4A - Chester, VA 23831
Factory 3 - 1033 Red Bluff Road - Pasadena, TX 77506



US LISTED



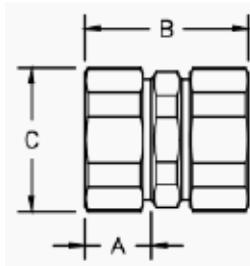
Quote Request

Stainless Steel Rigid Compression Coupling

- Precision Machined in 316 Stainless Steel to meet Sanitary Requirements
- Polished Finish to increase Corrosion Resistance
- Imported



| Stainless Steel Rigid Compression Coupling | | | | |
|--|-------|-------|-------|-------------|
| Trade Size | A | B | C | Part Number |
| 1/2" | 0.776 | 1.813 | 1.172 | RCK015SS |
| 3/4" | 0.887 | 1.875 | 1.461 | RCK020SS |
| 1" | 0.992 | 2.188 | 1.724 | RCK025SS |
| 1 1/4" | 1.195 | 2.652 | 2.171 | RCK032SS |
| 1 1/2" | 1.251 | 2.688 | 2.388 | RCK040SS |
| 2" | 1.295 | 3.063 | 2.914 | RCK050SS |



Stainless Steel Conduit Bushing

- Precision Machined in 316 Stainless Steel to meet Sanitary Requirements
- Imported

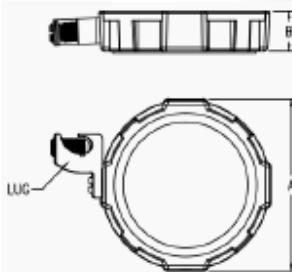
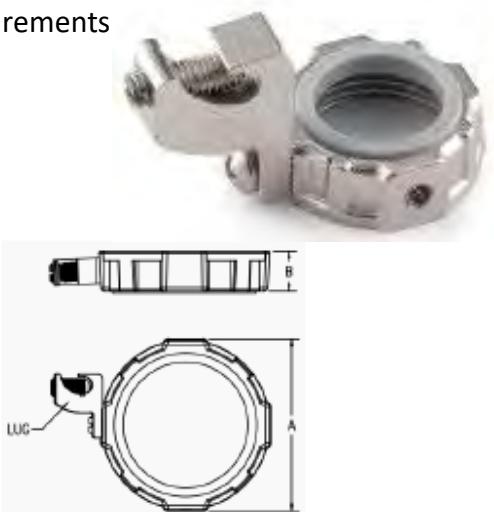
| Stainless Steel Conduit Bushing | | | |
|---------------------------------|-------|-------|-------------|
| Trade Size | A | B | Part Number |
| 1/2" | 1.071 | 0.448 | RBU15SS |
| 3/4" | 1.282 | 0.507 | RBU20SS |
| 1" | 1.567 | 0.625 | RBU25SS |
| 1 1/4" | 2.022 | 0.679 | RBU32SS |
| 1 1/2" | 2.303 | 0.742 | RBU40SS |
| 2" | 2.887 | 0.773 | RBU50SS |
| 2 1/2" | 3.374 | 0.910 | RBU65SS |
| 3" | 3.971 | 1.011 | RBU80SS |
| 4" | 5.018 | 1.072 | RBU100SS |



Stainless Steel Conduit Ground Bushing

- Precision Machined in 316 Stainless Steel to meet Sanitary Requirements
- Imported

| Stainless Steel Conduit Ground Bushing | | | | |
|--|-------|-------|---------|-------------|
| Trade Size | A | B | C | Part Number |
| 1/2" | 1.071 | 0.448 | 4-14AL | RGB15SS |
| 3/4" | 1.282 | 0.507 | 4-14AL | RGB20SS |
| 1" | 1.567 | 0.625 | 4-14AL | RGB25SS |
| 1 1/4" | 2.022 | 0.679 | 4-14AL | RGB32SS |
| 1 1/2" | 2.303 | 0.742 | 4-14AL | RGB40SS |
| 2" | 2.887 | 0.773 | 4-14AL | RGB50SS |
| 2 1/2" | 3.374 | 0.910 | 1/0-8AL | RGB65SS |
| 3" | 3.971 | 1.011 | 1/0-8AL | RGB80SS |
| 4" | 5.018 | 1.072 | 1/0-8AL | RGB100SS |



Patriot Industries ~ Office (434) 510-1776 ~ www.patriotsas.com
Main HQ & Factory 1 - 205 Ferncliff Drive - Louisa, VA 23093
Factory 2 - 13721 US 1 Plant 4/4A - Chester, VA 23831
Factory 3 - 1033 Red Bluff Road - Pasadena, TX 77506

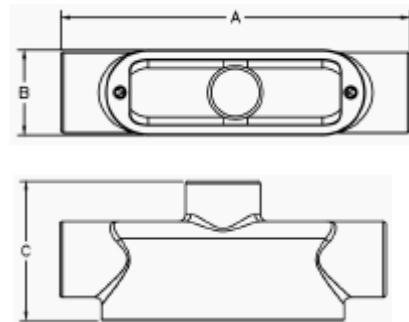


Stainless Steel TB Conduit Body

- Precision Machined in 316 Stainless Steel to meet Sanitary Requirements
- Approved for Wet Locations when Installed with Cover and Gasket
- Patriot Magnum™ Form 8 Design offers Increased Internal Volume
- Polished Finish to increase Corrosion Resistance
- Cover and Neoprene Gasket Included
- IP: NEMA 3R
- Imported



| 316 Stainless Steel - TB Conduit Body | | | | |
|---------------------------------------|--------|-------|-------|-------------|
| Trade Size | A | B | C | Part Number |
| 1/2" | 5.953 | 1.446 | 2.277 | TB18SS |
| 3/4" | 6.686 | 1.647 | 2.536 | TB28SS |
| 1" | 7.566 | 1.845 | 2.987 | TB38SS |
| 1 1/4" | 8.815 | 2.237 | 3.298 | TB48SS |
| 1 1/2" | 10.186 | 2.808 | 3.677 | TB58SS |
| 2" | 12.355 | 4.927 | 4.655 | TB68SS |

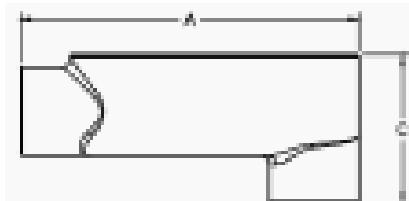


Stainless Steel LB Conduit Body

- Precision Machined in 316 Stainless Steel to meet Sanitary Requirements
- Approved for Wet Locations when Installed with Cover and Gasket
- Patriot Magnum™ Form 8 Design offers Increased Internal Volume
- Polished Finish to increase Corrosion Resistance
- Cover and Neoprene Gasket Included
- IP: NEMA 3R
- Imported



| 316 Stainless Steel - LB Conduit Body | | | | |
|---------------------------------------|--------|-------|-------|-------------|
| Trade Size | A | B | C | Part Number |
| 1/2" | 5.128 | 1.446 | 2.277 | LB18SS |
| 3/4" | 5.796 | 1.647 | 2.536 | LB28SS |
| 1" | 6.598 | 1.845 | 2.987 | LB38SS |
| 1 1/4" | 7.746 | 2.237 | 3.298 | LB48SS |
| 1 1/2" | 9.055 | 2.808 | 3.677 | LB58SS |
| 2" | 11.075 | 4.927 | 4.655 | LB68SS |
| 2 1/2" | 14.148 | 5.195 | 5.565 | LB78SS |
| 3" | 14.208 | 5.195 | 6.197 | LB88SS |
| 4" | 16.925 | 6.339 | 7.195 | LB108SS |



Patriot Industries ~ Office (434) 510-1776 ~ www.patriotsas.com
Main HQ & Factory 1 - 205 Ferncliff Drive - Louisa, VA 23093
Factory 2 - 13721 US 1 Plant 4/4A - Chester, VA 23831
Factory 3 - 1033 Red Bluff Road - Pasadena, TX 77506

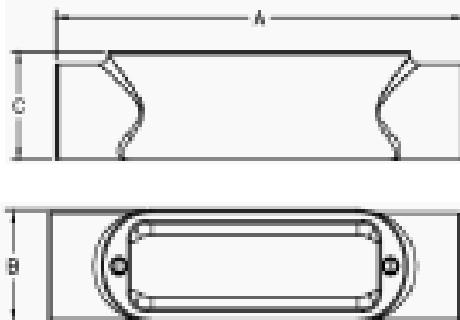


Stainless Steel C Conduit Body

- Precision Machined in 316 Stainless Steel to meet Sanitary Requirements
- Approved for Wet Locations when Installed with Cover and Gasket
- Patriot Magnum™ Form 8 Design offers Increased Internal Volume
- Polished Finish to increase Corrosion Resistance
- Cover and Neoprene Gasket Included
- IP: NEMA 3R
- Imported



| 316 Stainless Steel - C Conduit Body | | | | |
|--------------------------------------|-------|-------|-------|-------------|
| Trade Size | A | B | C | Part Number |
| 1/2" | 5.953 | 1.446 | 1.455 | C18SS |
| 3/4" | 6.686 | 1.647 | 1.706 | C28SS |
| 1" | 7.357 | 1.845 | 1.979 | C38SS |

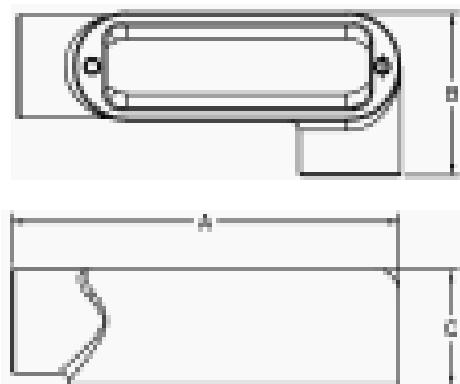


Stainless Steel LL Conduit Body

- Precision Machined in 316 Stainless Steel to meet Sanitary Requirements
- Approved for Wet Locations when Installed with Cover and Gasket
- Patriot Magnum™ Form 8 Design offers Increased Internal Volume
- Polished Finish to increase Corrosion Resistance
- Cover and Neoprene Gasket Included
- IP: NEMA 3R
- Imported



| 316 Stainless Steel - LL Conduit Body | | | | |
|---------------------------------------|--------|-------|-------|-------------|
| Trade Size | A | B | C | Part Number |
| 1/2" | 5.128 | 2.257 | 1.446 | LL18SS |
| 3/4" | 5.796 | 2.435 | 1.647 | LL28SS |
| 1" | 6.598 | 2.784 | 1.845 | LL38SS |
| 1 1/4" | 7.746 | 3.241 | 2.237 | LL48SS |
| 1 1/2" | 9.055 | 3.805 | 2.808 | LL58SS |
| 2" | 11.075 | 4.916 | 4.927 | LL68SS |



Patriot Industries ~ Office (434) 510-1776 ~ www.patriotsas.com
 Main HQ & Factory 1 - 205 Ferncliff Drive - Louisa, VA 23093
 Factory 2 - 13721 US 1 Plant 4/4A - Chester, VA 23831
 Factory 3 - 1033 Red Bluff Road - Pasadena, TX 77506

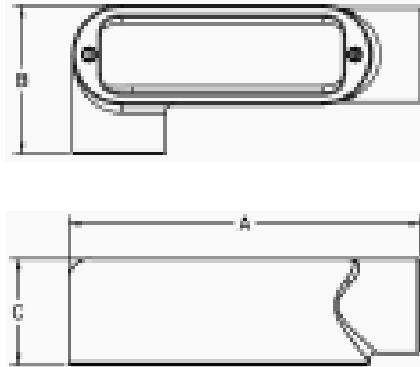


Stainless Steel LR Conduit Body

- Precision Machined in 316 Stainless Steel to meet Sanitary Requirements
- Approved for Wet Locations when Installed with Cover and Gasket
- Patriot Magnum™ Form 8 Design offers Increased Internal Volume
- Polished Finish to increase Corrosion Resistance
- Cover and Neoprene Gasket Included
- IP: NEMA 3R
- Imported



| 316 Stainless Steel - LR Conduit Body | | | | |
|---------------------------------------|--------|-------|-------|-------------|
| Trade Size | A | B | C | Part Number |
| 1/2" | 5.128 | 2.257 | 1.446 | LR18SS |
| 3/4" | 5.796 | 2.435 | 1.647 | LR28SS |
| 1" | 6.598 | 2.784 | 1.845 | LR38SS |
| 1 1/4" | 7.746 | 3.241 | 2.237 | LR48SS |
| 1 1/2" | 9.055 | 3.805 | 2.808 | LR58SS |
| 2" | 11.075 | 4.916 | 4.927 | LR68SS |

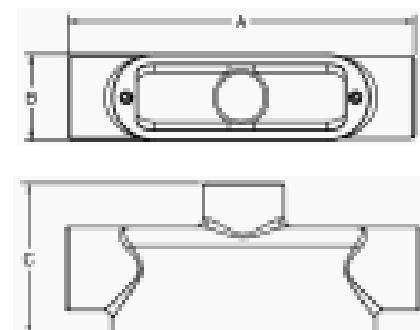


Stainless Steel T Conduit Body

- Precision Machined in 316 Stainless Steel to meet Sanitary Requirements
- Approved for Wet Locations when Installed with Cover and Gasket
- Patriot Magnum™ Form 8 Design offers Increased Internal Volume
- Polished Finish to increase Corrosion Resistance
- Cover and Neoprene Gasket Included
- IP: NEMA 3R
- Imported



| 316 Stainless Steel - T Conduit Body | | | | |
|--------------------------------------|--------|-------|-------|-------------|
| Trade Size | A | B | C | Part Number |
| 1/2" | 5.953 | 2.239 | 1.455 | T18SS |
| 3/4" | 6.686 | 2.457 | 1.706 | T28SS |
| 1" | 7.566 | 2.776 | 1.979 | T38SS |
| 1 1/4" | 8.815 | 3.188 | 2.307 | T48SS |
| 1 1/2" | 10.186 | 3.795 | 2.795 | T58SS |
| 2" | 12.355 | 4.927 | 3.556 | T68SS |
| 2 1/2" | 16.116 | 6.689 | 3.921 | T78SS |
| 3" | 16.236 | 6.749 | 4.355 | T88SS |
| 4" | 18.646 | 8.031 | 5.447 | T108SS |



Patriot Industries ~ Office (434) 510-1776 ~ www.patriotsas.com
 Main HQ & Factory 1 - 205 Ferncliff Drive - Louisa, VA 23093
 Factory 2 - 13721 US 1 Plant 4/4A - Chester, VA 23831
 Factory 3 - 1033 Red Bluff Road - Pasadena, TX 77506

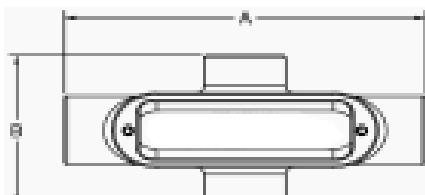


Stainless Steel X Type Conduit Body

- Precision Machined in 316 Stainless Steel to meet Sanitary Requirements
- Approved for Wet Locations when Installed with Cover and Gasket
- Patriot Magnum™ Form 8 Design offers Increased Internal Volume
- Polished Finish to increase Corrosion Resistance
- Cover and Neoprene Gasket Included
- IP: NEMA 3R
- Imported



| 316 Stainless Steel - X Type Conduit Body | | | | |
|---|--------|-------|-------|-------------|
| Trade Size | A | B | C | Part Number |
| 1/2" | 5.953 | 3.815 | 1.455 | X18SS |
| 3/4" | 6.686 | 3.293 | 1.706 | X28SS |
| 1" | 7.566 | 3.796 | 1.979 | X38SS |
| 1 1/4" | 8.815 | 4.118 | 2.307 | X48SS |
| 1 1/2" | 10.186 | 4.787 | 2.795 | X58SS |
| 2" | 12.355 | 6.039 | 3.556 | X68SS |



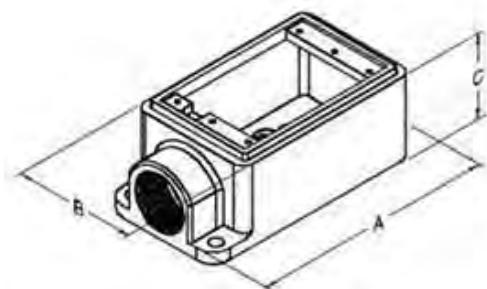
Stainless Steel

Patriot Industries ~ Office (434) 510-1776 ~ www.patriotsas.com
Main HQ & Factory 1 - 205 Ferncliff Drive - Louisa, VA 23093
Factory 2 - 13721 US 1 Plant 4/4A - Chester, VA 23831
Factory 3 - 1033 Red Bluff Road - Pasadena, TX 77506



Stainless Steel Device Box

- Precision Machined in 316 Stainless Steel to meet Sanitary Requirements
- Approved for Wet Locations when Installed with Cover and Gasket
- Patriot Magnum™ Form 8 Design offers Increased Internal Volume
- Polished Finish to increase Corrosion Resistance
- Cover and Neoprene Gasket Included
- IP: NEMA 3R
- Imported



Stainless Steel

Stainless Steel Box Covers

- Precision Machined in 316 Stainless Steel to meet Sanitary Requirements
- Approved for Wet Locations when Installed with Cover and Gasket
- Polished Finish to increase Corrosion Resistance
- Imported

SWCS2SS



FBCS2SS



RCS2SS



FBCM2SS



Patriot Industries ~ Office (434) 510-1776 ~ www.patriotsas.com
Main HQ & Factory 1 - 205 Ferncliff Drive - Louisa, VA 23093
Factory 2 - 13721 US 1 Plant 4/4A - Chester, VA 23831
Factory 3 - 1033 Red Bluff Road - Pasadena, TX 77506



Stainless Steel GUA

- Precision Machined in 316 Stainless Steel to meet Sanitary Requirements
- Polished Finish to increase Corrosion Resistance
- Imported

| 316 Stainless Steel - GUA | | |
|---------------------------|---------------|-------------|
| Trade Size | Cover Opening | Part Number |
| 3/4" | 3.000 | GUAB26SS |
| 1" | 3.000 | GUAB36SS |
| 3/4" | 3.000 | GUAC26SS |
| 1" | 3.000 | GUAC36SS |
| 3/4" | 3.000 | GUAT26SS |
| 1" | 3.000 | GUAT36SS |
| 3/4" | 3.000 | GUAX26SS |
| 1" | 3.000 | GUAX36SS |
| 3/4" | 3.000 | GUAL26SS |
| 1" | 3.000 | GUAL36SS |



Stainless Steel UNY

- Precision Machined in 316 Stainless Steel to meet Sanitary Requirements
- Polished Finish to increase Corrosion Resistance
- Imported

| 316 Stainless Steel - UNY | | | | |
|---------------------------|-------|-------|-------|-------------|
| Trade Size | A | B | C | Part Number |
| 1/2" | 1.378 | 1.378 | 2.453 | UNY15 |
| 3/4" | 1.634 | 1.673 | 2.618 | UNY20 |
| 1" | 1.752 | 2.008 | 2.854 | UNY25 |



Stainless Steel UNF

- Precision Machined in 316 Stainless Steel to meet Sanitary Requirements
- Polished Finish to increase Corrosion Resistance
- Imported

| 316 Stainless Steel - UNF | | | | |
|---------------------------|-------|-------|-------|-------------|
| Trade Size | A | B | C | Part Number |
| 1/2" | 1.378 | 1.378 | 1.843 | UNF15 |
| 3/4" | 1.634 | 1.673 | 1.949 | UNF20 |
| 1" | 1.752 | 2.008 | 2.087 | UNF25 |



Stainless Steel EYS

- Precision Machined in 316 Stainless Steel to meet Sanitary Requirements
- Polished Finish to increase Corrosion Resistance
- Imported

| Stainless Steel EYS | | | | |
|----------------------------|-------|-------|----------------|-------------|
| Trade Size | A | B | Turning Radius | Part Number |
| 3/4" | 3.658 | 1.504 | 1.244 | EYS21SS |
| 1" | 4.266 | 1.768 | 1.457 | EYS31SS |



Stainless Steel REA

- Precision Machined in 316 Stainless Steel to meet Sanitary Requirement
- Polished Finish to increase Corrosion Resistance
- Imported

| Stainless Steel REA | | |
|----------------------------|-------------|-------------|
| Male Size | Female Size | Part Number |
| 1/2" | 3/4" | REA12SS |
| 3/4" | 1" | REA23SS |
| 1" | 1 1/4" | REA34SS |



Stainless Steel Plug (Recessed)

- Precision Machined in 316 Stainless Steel to meet Sanitary Requirements
- Polished Finish to increase Corrosion Resistance
- Imported

| Stainless Steel Plug | |
|-----------------------------|-------------|
| Trade Size | Part Number |
| 1/2" | PLG1SS |
| 3/4" | PLG2SS |
| 1" | PLG3SS |
| 1 1/4" | PLG4SS |
| 1 1/2" | PLG5SS |
| 2" | PLG6SS |



Patriot Industries ~ Office (434) 510-1776 ~ www.patriotsas.com
Main HQ & Factory 1 - 205 Ferncliff Drive - Louisa, VA 23093
Factory 2 - 13721 US 1 Plant 4/4A - Chester, VA 23831
Factory 3 - 1033 Red Bluff Road - Pasadena, TX 77506



US LISTED



Quote Request

Stainless Steel Strut Channel

- Precision Machined in 304/316 Stainless Steel to meet Sanitary Requirements
- Imported

| Stainless Steel Strut Channel | | | |
|-------------------------------|-----------------|---------|-------------|
| Gauge | Size | Style | Part Number |
| 12 | 1 5/8" x 3 1/4" | Smooth | A12ASS |
| 12 | 1 5/8" x 3 1/4" | Smooth | A12ASS/316 |
| 12 | 1 5/8" x 1 5/8" | Smooth | A12SS |
| 12 | 1 5/8" x 1 5/8" | Smooth | A12SS/316 |
| 12 | 1 5/8" x 1 5/8" | Slotted | A12SSS |
| 12 | 1 5/8" x 1 5/8" | Slotted | A12SSS/316 |
| 12 | 1 5/8" x 13/16" | Smooth | C14SS |
| 12 | 1 5/8" x 13/16" | Smooth | C14SS/316 |
| 12 | 1 5/8" x 13/16" | Slotted | C14SSS |
| 12 | 1 5/8" x 13/16" | Slotted | C14SSS/316 |

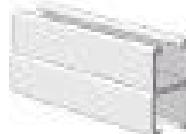
A12SS



A12SSS



A12ASS



C14SS



C14SSS



Stainless Steel Continuous Threaded Rod

- Precision Machined in 316 Stainless Steel to meet Sanitary Requirements
- Imported

| SS Continuous Threaded Rod | |
|----------------------------|-------------|
| Trade Size | Part Number |
| 1/4" X 10' | FTR25SS |
| 3/8" X 10' | FTR38SS |
| 1/2" X 10' | FTR50SS |



Stainless Steel Nut with Spring

- Precision Machined in 316 Stainless Steel to meet Sanitary Requirements
- Imported



| SS Nut with Spring | |
|--------------------|-------------|
| Trade Size | Part Number |
| 1/4" | FNS25SS |
| 3/8" | FNS38SS |
| 1/2" | FNS50SS |

Stainless Steel Rod Coupling

- Precision Machined in 316 Stainless Steel to meet Sanitary Requirements
- Imported



| SS Rod Coupling | |
|-----------------|-------------|
| Trade Size | Part Number |
| 1/4" | FRC25SS |
| 3/8" | FRC38SS |
| 1/2" | FRC50SS |

Stainless Steel Rigid Strut Clamp

- Precision Machined in 316 Stainless Steel to meet Sanitary Requirements
- Polished Finish to increase Corrosion Resistance
- Designed for use with 1 5/8" Stainless Steel Strut Channel
- Comes with Stainless Nut and Bolt
- No minimum quantity required
- Manufactured to comply with UL514B/NEMA Standards
- Imported

| SS Rigid Strut Clamp | |
|----------------------|-------------|
| Trade Size | Part Number |
| 1/2" | CL15SS |
| 3/4" | CL20SS |
| 1" | CL25SS |
| 1 1/4" | CL32SS |
| 1 1/2" | CL40SS |
| 2" | CL50SS |
| 2 1/2" | CL65SS |
| 3" | CL80SS |
| 4" | CL100SS |



Stainless Steel

Stainless Steel Conduit Hanger

- Precision Machined in 316 Stainless Steel to meet Sanitary Requirements
- Manufactured to comply with UL514B/NEMA Standards
- Imported

| Stainless Steel Conduit Hanger | |
|--------------------------------|-------------|
| Trade Size | Part Number |
| 1/2" | CLH15SS |
| 3/4" | CLH20SS |
| 1" | CLH25SS |
| 1 1/4" | CLH32SS |
| 1 1/2" | CLH40SS |
| 2" | CLH50SS |
| 2 1/2" | CLH65SS |
| 3" | CLH80SS |
| 4" | CLH100SS |



Patriot Industries ~ Office (434) 510-1776 ~ www.patriotsas.com
Main HQ & Factory 1 - 205 Ferncliff Drive - Louisa, VA 23093
Factory 2 - 13721 US 1 Plant 4/4A - Chester, VA 23831
Factory 3 - 1033 Red Bluff Road - Pasadena, TX 77506



Page 49

Stainless Steel 1 Hole Strap

- Precision Machined in 316 Stainless Steel to meet Sanitary Requirements
- Polished Finish to increase Corrosion Resistance
- Imported

| SS One Hole Strap | |
|-------------------|-------------|
| Trade Size | Part Number |
| 1/2" | RSS15SS |
| 3/4" | RSS20SS |
| 1" | RSS25SS |
| 1 1/4" | RSS32SS |
| 1 1/2" | RSS40SS |
| 2" | RSS50SS |
| 2 1/2" | RSS65SS |
| 3" | RSS80SS |
| 4" | RSS100SS |



Stainless Steel

Stainless Steel 2 Hole Strap

- Precision Machined in 316 Stainless Steel to meet Sanitary Requirements
- Polished Finish to increase Corrosion Resistance
- Standard NPT Threads
- Made in USA

| SS Two Hole Strap | |
|-------------------|-------------|
| Trade Size | Part Number |
| 1/2" | RSD15SS |
| 3/4" | RSD20SS |
| 1" | RSD25SS |
| 1 1/4" | RSD32SS |
| 1 1/2" | RSD40SS |
| 2" | RSD50SS |
| 2 1/2" | RSD65SS |
| 3" | RSD80SS |
| 4" | RSD100SS |



Patriot Industries ~ Office (434) 510-1776 ~ www.patriotsas.com
Main HQ & Factory 1 - 205 Ferncliff Drive - Louisa, VA 23093
Factory 2 - 13721 US 1 Plant 4/4A - Chester, VA 23831
Factory 3 - 1033 Red Bluff Road - Pasadena, TX 77506



US LISTED

COMPONENT



Stainless Steel U-Bolts

- Precision Machined in 316 Stainless Steel to meet Sanitary Requirements
- Polished Finish to increase Corrosion Resistance
- Figure 137 Style
- Two type 316 Stainless Steel Hex Nuts are Included
- No minimum quantity required
- Manufactured to comply with UL514B/NEMA Standards
- Imported

| Stainless Steel U-Bolt | |
|------------------------|-------------|
| Trade Size | Part Number |
| 1/2" | CLU15SS |
| 3/4" | CLU20SS |
| 1" | CLU25SS |
| 1 1/4" | CLU32SS |
| 1 1/2" | CLU40SS |
| 2" | CLU50SS |
| 2 1/2" | CLU65SS |
| 3" | CLU80SS |
| 4" | CLU100SS |



Stainless Steel

Stainless Steel Right Angle Clamp

- Precision Machined in 316 Stainless Steel to meet Sanitary Requirements
- Manufactured to comply with UL514B/NEMA Standards
- Imported

| SS Right Angle Clamp | |
|----------------------|-------------|
| Trade Size | Part Number |
| 1/2" | RAN15SS |
| 3/4" | RAN20SS |
| 1" | RAN25SS |
| 1 1/4" | RAN32SS |
| 1 1/2" | RAN40SS |
| 2" | RAN50SS |
| 2 1/2" | RAN65SS |
| 3" | RAN80SS |
| 4" | RAN100SS |



Patriot Industries ~ Office (434) 510-1776 ~ www.patriotsas.com
Main HQ & Factory 1 - 205 Ferncliff Drive - Louisa, VA 23093
Factory 2 - 13721 US 1 Plant 4/4A - Chester, VA 23831
Factory 3 - 1033 Red Bluff Road - Pasadena, TX 77506



Stainless Steel Parallel Clamp

- Precision Machined in 316 Stainless Steel to meet Sanitary Requirements
- Manufactured to comply with UL514B/NEMA Standards
- Imported

| SS Parallel Clamp | |
|-------------------|-------------|
| Trade Size | Part Number |
| 3/4" | PAR20SS |
| 1" | PAR25SS |



Stainless Steel

Stainless Steel Beam Clamp

- Precision Machined in 316 Stainless Steel to meet Sanitary Requirements
- Manufactured to comply with UL514B/NEMA Standards
- Imported

| Stainless Steel Beam Clamp | | |
|----------------------------|-------------|-------------|
| Trade Size | Tapped Hole | Part Number |
| 1" | 1/4" - 20 | 500SS |
| 2" | 3/8" - 16 | 502SS |
| 2 1/4" | 1/2" - 13 | 503SS |



Patriot Industries ~ Office (434) 510-1776 ~ www.patriotsas.com
Main HQ & Factory 1 - 205 Ferncliff Drive - Louisa, VA 23093
Factory 2 - 13721 US 1 Plant 4/4A - Chester, VA 23831
Factory 3 - 1033 Red Bluff Road - Pasadena, TX 77506



US LISTED

COMPONENT



Stainless Steel Strut Accessories

- Precision Machined in 316 Stainless Steel to meet Sanitary Requirements
- Manufactured to comply with UL514B/NEMA Standards
- Imported



902-1SS
SS Standard Post Base



902-2SS
SS 45° Offset Post Base



PS855SS
SS Right angle beam clamp



B116SS
SS Three Hole U-Support



B143SS
SS 4-Hole Flat Angle



B341SS
SS 4-Hole Splice Plate



B341SS
SS 4-Hole Splice Plate



B140SS
SS 3-Hole Flat Angle



B101SS
SS 2-Hole 90° Angle



B133SS
SS Tee Plate



B115SS
SS 4-Hole 90° Angle



PS619SS
SS Square Washers

Patriot Industries ~ Office (434) 510-1776 ~ www.patriotsas.com
Main HQ & Factory 1 - 205 Ferncliff Drive - Louisa, VA 23093
Factory 2 - 13721 US 1 Plant 4/4A - Chester, VA 23831
Factory 3 - 1033 Red Bluff Road - Pasadena, TX 77506



Quote Request

PATRIOT

ALUMINUM PRODUCTS



Aluminum



- Rigid Aluminum Conduit, Nipples, Elbows, and Couplings
- No Freight and No Minimums when it rides on Patriot Blue™
- Manufactured in Virginia & Texas



Typical Applications for Aluminum Conduit

Aluminum

| Application | Heat Buildup | Non-Magnetic | Rust Free | Voltage Drop | Non-Sparking | Corrosion Resistance | Freight Savings | Weight | Installation Labor Cost | Material Cost |
|--------------------------------------|--------------|--------------|-----------|--------------|--------------|----------------------|-----------------|--------|-------------------------|---------------|
| General Industrial | • | • | • | • | • | • | • | • | • | • |
| General Commercial | • | • | • | • | • | • | • | • | • | • |
| Bridges/Tunnels | • | • | • | • | • | • | • | • | • | • |
| Chemical Plants | • | • | • | • | • | • | • | • | • | • |
| Food Processing | • | • | • | • | • | • | • | • | • | • |
| High Voltage Installations | • | • | • | • | • | • | • | • | • | • |
| Natural Gas Processing/Pump Stations | • | • | • | • | • | • | • | • | • | • |
| Oil Refineries | • | • | • | • | • | • | • | • | • | • |
| Power Plants | • | • | • | • | • | • | • | • | • | • |
| Pulp/Paper Mills | • | • | • | • | • | • | • | • | • | • |
| Rooftop HVAC | • | • | • | • | • | • | • | • | • | • |
| Telecom | • | • | • | • | • | • | • | • | • | • |
| Textile Mills | • | • | • | • | • | • | • | • | • | • |
| Transportation Manufacturers | • | • | • | • | • | • | • | • | • | • |
| Wastewater/Water Treatment | • | • | • | • | • | • | • | • | • | • |



PATRIOT
ALUMINUM PRODUCTS



Rigid Aluminum Versus Rigid Steel

Material Cost Savings when Using Aluminum

| Trade Size | 2024 Material Cost Savings | | |
|------------|----------------------------|------------------------------|-------------------------------|
| | \$ Savings per 100 Feet | \$ Savings per 1,000 Feet | \$ Savings per 10,000 Feet |
| 1/2" | \$ 74.61 | \$ 746.10 | \$ 7,461.00 |
| 3/4" | \$ 49.39 | \$ 493.90 | \$ 4,939.00 |
| 1" | \$ 94.94 | \$ 949.40 | \$ 9,494.00 |
| 1 1/4" | \$ 167.54 | \$ 1,675.40 | \$ 16,754.00 |
| 1 1/2" | \$ 162.47 | \$ 1,624.70 | \$ 16,247.00 |
| 2" | \$ 168.54 | \$ 1,685.40 | \$ 16,854.00 |
| 2 1/2" | \$ 431.51 | \$ 4,315.10 | \$ 43,151.00 |
| 3" | \$ 381.84 | \$ 3,818.40 | \$ 38,184.00 |
| 3 1/2" | \$ 587.13 | \$ 5,871.30 | \$ 58,713.00 |
| 4" | \$ 500.78 | \$ 5,007.80 | \$ 50,078.00 |
| 5" | \$ 1,510.30 | \$ 15,103.00 | \$ 151,030.00 |
| 6" | \$ 1,951.70 | \$ 19,517.00 | \$ 195,170.00 |

Based on Market Prices from the Major Steel & Aluminum Conduit Producers

Aluminum

Additional Aluminum Conduit Advantages

| | Steel | PVC Coated Steel | Stainless Steel | Aluminum |
|-----------------------------|-------|------------------|-----------------|----------|
| Material Cost | High | Higher | Highest | Lowest |
| Installation Speed | Slow | Slowest | Slow | Fastest |
| Weight per 10 Ft | High | Highest | High | Lowest |
| Non-Sparking | No | No | No | Yes |
| Non-Magnetic | No | No | Maybe | Yes |
| Rust Free | No | Maybe | Maybe | Yes |
| Voltage Drop | High | High | High | Low |
| Heat Build Up | High | High | High | Low |
| Wears Out Your Tools | Yes | Yes | Yes | No |

PATRIOT
ALUMINUM PRODUCTS



COMPONENT

Aluminum Conduit Savings Calculator

| 2024 Material Cost Savings | | | |
|----------------------------|-------------------------|---------------------------|----------------------------|
| Trade Size | \$ Savings per 100 Feet | \$ Savings per 1,000 Feet | \$ Savings per 10,000 Feet |
| 1/2" | \$ 74.61 | \$ 746.10 | \$ 7,461.00 |
| 3/4" | \$ 49.39 | \$ 493.90 | \$ 4,939.00 |
| 1" | \$ 94.94 | \$ 949.40 | \$ 9,494.00 |
| 1 1/4" | \$ 167.54 | \$ 1,675.40 | \$ 16,754.00 |
| 1 1/2" | \$ 162.47 | \$ 1,624.70 | \$ 16,247.00 |
| 2" | \$ 168.54 | \$ 1,685.40 | \$ 16,854.00 |
| 2 1/2" | \$ 431.51 | \$ 4,315.10 | \$ 43,151.00 |
| 3" | \$ 381.84 | \$ 3,818.40 | \$ 38,184.00 |
| 3 1/2" | \$ 587.13 | \$ 5,871.30 | \$ 58,713.00 |
| 4" | \$ 500.78 | \$ 5,007.80 | \$ 50,078.00 |
| 5" | \$ 1,510.30 | \$ 15,103.00 | \$ 151,030.00 |
| 6" | \$ 1,951.70 | \$ 19,517.00 | \$ 195,170.00 |

| Installation Labor Cost Savings | | | | |
|---------------------------------|--------------------------|-------------------------|---------------------------|----------------------------|
| Average Wage | Hours Saved per 100 Feet | \$ Savings per 100 Feet | \$ Savings per 1,000 Feet | \$ Savings per 10,000 Feet |
| \$ 45.00 | 0.40 | \$ 18.00 | \$ 180.00 | \$ 1,800.00 |
| \$ 45.00 | 0.50 | \$ 22.50 | \$ 225.00 | \$ 2,250.00 |
| \$ 45.00 | 0.80 | \$ 36.00 | \$ 360.00 | \$ 3,600.00 |
| \$ 45.00 | 3.00 | \$ 135.00 | \$ 1,350.00 | \$ 13,500.00 |
| \$ 45.00 | 4.50 | \$ 202.50 | \$ 2,025.00 | \$ 20,250.00 |
| \$ 45.00 | 6.00 | \$ 270.00 | \$ 2,700.00 | \$ 27,000.00 |
| \$ 45.00 | 8.00 | \$ 360.00 | \$ 3,600.00 | \$ 36,000.00 |
| \$ 45.00 | 9.50 | \$ 427.50 | \$ 4,275.00 | \$ 42,750.00 |
| \$ 45.00 | 11.00 | \$ 495.00 | \$ 4,950.00 | \$ 49,500.00 |
| \$ 45.00 | 16.50 | \$ 742.50 | \$ 7,425.00 | \$ 74,250.00 |
| \$ 45.00 | 22.50 | \$ 1,012.50 | \$ 10,125.00 | \$ 101,250.00 |
| \$ 45.00 | 28.00 | \$ 1,260.00 | \$ 12,600.00 | \$ 126,000.00 |

| Trade Size | Total Feet | Estimated Material Savings |
|------------|------------|----------------------------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

| Estimated Labor Savings | TOTAL ESTIMATED SAVINGS |
|-------------------------|-------------------------|
| + _____ | = _____ |
| + _____ | = _____ |
| + _____ | = _____ |
| + _____ | = _____ |
| + _____ | = _____ |
| + _____ | = _____ |
| + _____ | = _____ |

Material Cost Savings are based on Market Prices from the Major Steel & Aluminum Conduit Producers
 Installation Labor Cost Savings are based on Calculations from the Aluminum Electrical Conductor Handbook, Chapter 17

Calculate Your Savings @ www.patriotsas.com/resources/cost-savings-calculator.html

Lower Material Cost & Huge Labor Savings



Free Delivery with No Min via Patriot Blue™





GO GREEN! GO PATRIOT!

SPECIFY RIGID ALUMINUM CONDUIT NOT GRC

| Steel GRC | Green Factors | Aluminum Conduit |
|-----------|-----------------------|------------------|
| High | Material Cost | Low |
| Slow | Installation Speed | Fast |
| High | Shipping Costs | Low |
| High | Voltage Drop | Low |
| High | Heat Build Up | Low |
| 7-9% | % of Greenhouse Gases | 1% |
| 70% Coal | Energy to Produce | 70% Hydropower |
| \$0.035 | Recycle \$/Lb | \$1.15 |
| Every Day | Is it Rusting? | Never |

Aluminum



SAVE MONEY ~ SAVE TIME ~ SAVE THE PLANET



(434) 510-1776 ~ WWW.PATRIOTSAS.COM



July 4, 2024

Manufacturer's Certification

Patriot's Rigid Metal Conduit – Aluminum

This certification applies to the following products that have been manufactured in the United States, at Patriot Aluminum Products, LLC located in Louisa VA, Chester VA, and Pasadena TX:

- Rigid Aluminum Conduit, Nipples, Elbows, and Couplings

It is hereby certified that the above referenced product:

1. Meets the provisions of the Build America, Buy America Act
2. Meets the provisions of the American Iron and Steel (AIS) requirements as mandated in EPA's State Revolving Fund Programs. Project Specific Certifications are available upon request.
3. Meets the provisions of the Buy American Act
4. Meets the provisions of the American Recovery and Reinvestment Act (ARRA)
5. Meets or exceeds the UL 6A Standard For Electrical Rigid Metal Conduit – Aluminum, Bronze, and Stainless Steel requirements and are listed with the Underwriters Laboratories, File # E337297
6. Meets or exceeds the American National Standard Institute (ANSI) C80.5 Standard
7. Meets or exceeds Federal Specification WW-C-540c
8. Meets or exceeds ASTM Specification B221
9. Meets or exceeds CSA Standard C22.2 No. 45.2
10. Meets or exceeds NSF/ANSI Specification 169
11. Is constructed of 6000 Series Aluminum which are generally considered to be "Marine Grade", "Aerospace Grade", and "Automotive Grade" alloys. The Tubes are constructed from Aluminum Alloy 6063-T4, and the Couplings are constructed from Aluminum Alloy 6061-T6.
12. Has been constructed from Aluminum which is Melted and Extruded in the USA.

Under penalty of perjury, I declare that I have examined this certification statement, and to the best of my knowledge and belief, the facts presented are true, correct, and complete.

Aluminum

All the best,

Tom Click
President & CEO
Patriot Aluminum Products, LLC



tom.click@patriotsas.com
Cell - 434-825-2652



July 4, 2024

Specification Notes

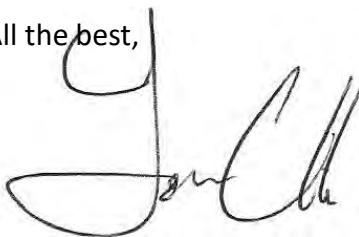
Patriot's Rigid Metal Conduit - Aluminum

Architects desiring to specify Rigid Metal Conduit - Aluminum from Patriot Aluminum Products should include the following description:

Electrical conductors shall be enclosed in Patriot Aluminum Products' Rigid Metal Conduit - Aluminum in accordance with the National Electrical Code (NEC). Rigid Metal Conduit - Aluminum shall be 6063 Aluminum, manufactured and produced to the following specifications:

- ANSI – American National Standard for Electrical Rigid Aluminum Conduit (ERAC) ANSI, C80.5
- NSF/ANSI Standard 169
- UL Standard for Electrical Rigid Metal Conduit – Aluminum, UL 6A, File # E337297
- National Electric Code, 2008 Article 344
- 2008 NEC Section 250.118(2) recognizes Rigid Metal Conduit as an equipment grounding conductor
- Federal Specification WW-C-540C
- All Trade Sizes (1/2" – 6") shall be manufactured and produced in the United States of America, including:
 - The Shells
 - The Couplings
 - The Thread Protecting Caps
 - The UL Labels
- All Trade Sizes (1/2" – 6") shall be processed using a Threading Lubricant which is:
 - Manufactured from Renewable Raw Materials, and contains no phenolics, nitrites, glycol ethers, DEA, formaldehyde, chlorine or silicone

Please email or call Tom Click with any technical questions.

All the best,


Tom Click
President & CEO
Patriot Aluminum Products, LLC



tom.click@patriotsas.com
Cell - 434-825-2652



Rigid Aluminum Conduit, Nipples, Elbows, & Couplings

SUBMITTAL SHEET

Features:

- Precision Machined in Rigid Aluminum
- Made in the USA at:
 - Louisa Virginia
 - Chester Virginia
 - Pasadena Texas

Applications:

- Rigid Aluminum Conduit Products are Specified in Sanitary, Wash Down, Harsh, and/or Highly Corrosive Environments

Certification and Compliance:



= 100 % Made in USA

- UL6A – US and Canada, File Number E337297
- NSF/ANSI 169 Certified, ANSI C80.5, ASTM B221, C22.2 no 45.2-08
- Federal Specification WW-C-540C
- Manufactured to comply with ASTM A240 (Type 316) and ASTM A276-03
- Install in accordance with "National Electrical Code" (NEC) Article 344, ANSI/NFPA 70

Industries Served:

- Corrosive Environments
- Food & Beverage
- Pulp & Paper Mills
- Chemical/Petrochemical
- Water & Wastewater Treatment
- Pharmaceutical & Cosmetics
- Refining & Extraction
- Marine & Coastal

Aluminum

SUBMITTAL INFORMATION

| | | | |
|-----------------------------|--|------------------------------|-------|
| PROJECT TITLE: | | CONTRACTOR: | DATE: |
| | | ENGINEER: | |
| PROJECT LOCATION(S): | | SECTION SUBCONTRACTOR(S): | |
| | | | |
| SPECIFICATION REFERENCE: | | SECTION TITLE: | |
| NOTES: | | | |

Patriot Industries ~ Office (434) 510-1776 ~ www.patriotsas.com
Main HQ & Factory 1 - 205 Ferncliff Drive - Louisa, VA 23093
Factory 2 - 13721 US 1 Plant 4/4A - Chester, VA 23831
Factory 3 - 1033 Red Bluff Road - Pasadena, TX 77506



Quote Request

Rigid Aluminum Conduit



- Precision Machined in Rigid Aluminum
- Comes Fully Assembled with a Coupling and Color-Coded Thread Protector
- Available in Custom Lengths
- Available as Quicksilver™ Custom Bundles
- Made in Louisa Virginia or Houston Texas



Rigid Aluminum Conduit

| Trade Size | | Approx Wt Per 100 Feet (30.5M) | | Nominal Outside Diameter | | Nominal Wall | | Master Bundle | | | | Part Number |
|--------------|--------|--------------------------------|-------|--------------------------|-------|--------------|------|---------------|-------|--------|-------|-------------|
| U.S. | Metric | lb | kg | in | mm | in | mm | ft | m | lb | kg | |
| 1/2 | 16 | 28.1 | 12.7 | 0.840 | 21.3 | 0.104 | 2.64 | 2500 | 762.5 | 702.5 | 317.5 | ALU012CN |
| 3/4 | 21 | 37.4 | 17.0 | 1.050 | 26.7 | 0.107 | 2.72 | 2500 | 762.5 | 935.0 | 425.0 | ALU034CN |
| 1 | 27 | 54.5 | 24.7 | 1.315 | 33.4 | 0.126 | 3.20 | 2000 | 610.0 | 1090.0 | 494.0 | ALU100CN |
| 1-1/4 | 35 | 71.6 | 32.5 | 1.660 | 42.2 | 0.133 | 3.38 | 1000 | 304.8 | 716.0 | 325.0 | ALU114CN |
| 1-1/2 | 41 | 88.7 | 40.2 | 1.900 | 48.3 | 0.138 | 3.51 | 1000 | 304.8 | 887.0 | 402.0 | ALU112CN |
| 2 | 53 | 118.5 | 53.8 | 2.375 | 60.3 | 0.146 | 3.71 | 450 | 137.2 | 533.3 | 242.1 | ALU200CN |
| 2-1/2 | 63 | 187.5 | 85.0 | 2.875 | 73.0 | 0.193 | 4.90 | 300 | 91.5 | 562.5 | 255.0 | ALU212CN |
| 3 | 78 | 246.3 | 111.7 | 3.500 | 88.9 | 0.205 | 5.21 | 200 | 61.0 | 492.6 | 223.4 | ALU300CN |
| 3-1/2 | 91 | 295.6 | 134.1 | 4.000 | 101.6 | 0.215 | 5.46 | 200 | 61.0 | 591.2 | 268.2 | ALU312CN |
| 4 | 103 | 350.2 | 155.8 | 4.500 | 114.3 | 0.225 | 5.72 | 200 | 61.0 | 700.4 | 311.6 | ALU400CN |
| 5 | 129 | 478.9 | 217.2 | 5.563 | 141.3 | 0.245 | 6.22 | 80 | 23.4 | 383.1 | 173.8 | ALU500CN |
| 6 | 155 | 630.4 | 285.9 | 6.625 | 168.3 | 0.266 | 6.76 | 60 | 18.3 | 378.2 | 171.5 | ALU600CN |

Aluminum

madeinamericaplus.com

Patriot Industries ~ Office (434) 510-1776 ~ www.patriotsas.com
 Main HQ & Factory 1 - 205 Ferncliff Drive - Louisa, VA 23093
 Factory 2 - 13721 US 1 Plant 4/4A - Chester, VA 23831
 Factory 3 - 1033 Red Bluff Road - Pasadena, TX 77506



Quote Request

Rigid Aluminum Couplings



- Precision Machined in Rigid Aluminum
- Made in Louisa Virginia or Houston Texas



Rigid Aluminum Couplings

| Trade Size | | Approx Wt Per 100 Pieces | | Nominal Outside Diameter | | Length | | Standard Package | Part Number |
|------------|--------|--------------------------|-------|--------------------------|-------|--------|-------|------------------|-------------|
| U.S. | Metric | lb | kg | in | mm | in | mm | Pieces | |
| 1/2 | 16 | 6.1 | 2.8 | 1.080 | 27.4 | 1.56 | 39.6 | 100 | ALU012CP |
| 3/4 | 21 | 9.1 | 4.1 | 1.330 | 33.8 | 1.62 | 41.1 | 50 | ALU034CP |
| 1 | 27 | 12.5 | 5.7 | 1.560 | 39.6 | 2.00 | 50.8 | 50 | ALU100CP |
| 1-1/4 | 35 | 18.9 | 8.6 | 1.950 | 49.5 | 2.06 | 52.3 | 50 | ALU114CP |
| 1-1/2 | 41 | 23.3 | 10.6 | 2.220 | 56.4 | 2.06 | 52.3 | 50 | ALU112CP |
| 2 | 53 | 34.6 | 15.7 | 2.750 | 69.8 | 2.12 | 53.8 | 50 | ALU200CP |
| 2-1/2 | 63 | 68.3 | 31.0 | 3.280 | 83.3 | 3.12 | 79.2 | 25 | ALU212CP |
| 3 | 78 | 91.4 | 41.5 | 3.940 | 100.8 | 3.25 | 82.6 | 25 | ALU300CP |
| 3-1/2 | 91 | 108.0 | 49.0 | 4.440 | 112.8 | 3.37 | 85.6 | 10 | ALU312CP |
| 4 | 103 | 142.0 | 64.4 | 5.000 | 127.0 | 3.50 | 88.9 | 10 | ALU400CP |
| 5 | 129 | 241.9 | 109.7 | 6.300 | 160.0 | 3.75 | 95.3 | 5 | ALU500CP |
| 6 | 155 | 321.0 | 145.6 | 7.390 | 187.7 | 4.00 | 101.6 | 5 | ALU600CP |

Aluminum

Patriot Industries ~ Office (434) 510-1776 ~ www.patriotsas.com
 Main HQ & Factory 1 - 205 Ferncliff Drive - Louisa, VA 23093
 Factory 2 - 13721 US 1 Plant 4/4A - Chester, VA 23831
 Factory 3 - 1033 Red Bluff Road - Pasadena, TX 77506



Quote Request

Rigid Aluminum Nipples



- Precision Machined in Rigid Aluminum
- Available in Custom Lengths
- Made in Louisa Virginia, Chester Virginia, or Houston Texas



| Rigid Aluminum Conduit Nipples | | | | | |
|--------------------------------|--------|--------|---------|--------|---------------|
| Size | Length | Weight | Box Qty | Origin | Part Number |
| 1/2" Aluminum Nipples | | | | | |
| 1/2" X CLOSE | 1 1/8" | 0.03 | 25 | USA | ALU012XCLNP |
| 1/2" X 1 1/2" | 1 1/2" | 0.04 | 25 | USA | ALU012X112NP |
| 1/2" X 2" | 2" | 0.05 | 25 | USA | ALU012X200NP |
| 1/2" X 2 1/2" | 2 1/2" | 0.06 | 25 | USA | ALU012X212NP |
| 1/2" X 3" | 3" | 0.07 | 25 | USA | ALU012X300NP |
| 1/2" X 3 1/2" | 3 1/2" | 0.08 | 25 | USA | ALU012X312NP |
| 1/2" X 4" | 4" | 0.09 | 25 | USA | ALU012X400NP |
| 1/2" X 5" | 5" | 0.12 | 25 | USA | ALU012X500NP |
| 1/2" X 6" | 6" | 0.14 | 25 | USA | ALU012X600NP |
| 1/2" X 8" | 8" | 0.19 | 25 | USA | ALU012X800NP |
| 1/2" X 10" | 10" | 0.24 | 25 | USA | ALU012X1000NP |
| 1/2" X 12" | 12" | 0.29 | 25 | USA | ALU012X1200NP |
| 3/4" Aluminum Nipples | | | | | |
| 3/4" X CLOSE | 1 3/8" | 0.04 | 25 | USA | ALU034XCLNP |
| 3/4" X 1 1/2" | 1 1/2" | 0.05 | 25 | USA | ALU034X112NP |
| 3/4" X 2" | 2" | 0.06 | 25 | USA | ALU034X200NP |
| 3/4" X 2 1/2" | 2 1/2" | 0.08 | 25 | USA | ALU034X212NP |
| 3/4" X 3" | 3" | 0.09 | 25 | USA | ALU034X300NP |
| 3/4" X 3 1/2" | 3 1/2" | 0.11 | 25 | USA | ALU034X312NP |
| 3/4" X 4" | 4" | 0.12 | 25 | USA | ALU034X400NP |
| 3/4" X 5" | 5" | 0.16 | 25 | USA | ALU034X500NP |
| 3/4" X 6" | 6" | 0.19 | 25 | USA | ALU034X600NP |
| 3/4" X 8" | 8" | 0.25 | 25 | USA | ALU034X800NP |
| 3/4" X 10" | 10" | 0.31 | 25 | USA | ALU034X1000NP |
| 3/4" X 12" | 12" | 0.38 | 25 | USA | ALU034X1200NP |
| 1" Aluminum Nipples | | | | | |
| 1" X CLOSE | 1 1/2" | 0.07 | 25 | USA | ALU100XCLNP |
| 1" X 2" | 2" | 0.09 | 25 | USA | ALU100X200NP |
| 1" X 2 1/2" | 2 1/2" | 0.11 | 25 | USA | ALU100X212NP |
| 1" X 3" | 3" | 0.14 | 25 | USA | ALU100X300NP |
| 1" X 3 1/2" | 3 1/2" | 0.16 | 25 | USA | ALU100X312NP |
| 1" X 4" | 4" | 0.18 | 25 | USA | ALU100X400NP |
| 1" X 5" | 5" | 0.23 | 25 | USA | ALU100X500NP |
| 1" X 6" | 6" | 0.27 | 25 | USA | ALU100X600NP |
| 1" X 8" | 8" | 0.36 | 25 | USA | ALU100X800NP |
| 1" X 10" | 10" | 0.45 | 25 | USA | ALU100X1000NP |
| 1" X 12" | 12" | 0.55 | 25 | USA | ALU100X1200NP |

Aluminum

Patriot Industries ~ Office (434) 510-1776 ~ www.patriotsas.com
 Main HQ & Factory 1 - 205 Ferncliff Drive - Louisa, VA 23093
 Factory 2 - 13721 US 1 Plant 4/4A - Chester, VA 23831
 Factory 3 - 1033 Red Bluff Road - Pasadena, TX 77506



Rigid Aluminum Nipples



- Precision Machined in Rigid Aluminum
- Available in Custom Lengths
- Made in Louisa Virginia, Chester Virginia, or Houston Texas

| Rigid Aluminum Conduit Nipples | | | | | |
|--------------------------------|--------|--------|---------|--------|---------------|
| Size | Length | Weight | Box Qty | Origin | Part Number |
| 2 1/2" Aluminum Nipples | | | | | |
| 2 1/2" X CLOSE | 2 1/2" | 0.39 | 10 | USA | ALU212XCLNP |
| 2 1/2" X 3" | 3" | 0.47 | 10 | USA | ALU212X300NP |
| 2 1/2" X 3 1/2" | 3 1/2" | 0.55 | 10 | USA | ALU212X312NP |
| 2 1/2" X 4" | 4" | 0.63 | 10 | USA | ALU212X400NP |
| 2 1/2" X 5" | 5" | 0.78 | 10 | USA | ALU212X500NP |
| 2 1/2" X 6" | 6" | 0.94 | 10 | USA | ALU212X600NP |
| 2 1/2" X 8" | 8" | 1.25 | 5 | USA | ALU212X800NP |
| 2 1/2" X 10" | 10" | 1.57 | 10 | USA | ALU212X1000NP |
| 2 1/2" X 12" | 12" | 1.88 | 10 | USA | ALU212X1200NP |
| 3" Aluminum Nipples | | | | | |
| 3" X CLOSE | 2 5/8" | 0.72 | 10 | USA | ALU300XCLNP |
| 3" X 3" | 3" | 0.62 | 10 | USA | ALU300X300NP |
| 3" X 3 1/2" | 3 1/2" | 0.72 | 5 | USA | ALU300X312NP |
| 3" X 4" | 4" | 0.82 | 5 | USA | ALU300X400NP |
| 3" X 5" | 5" | 1.03 | 10 | USA | ALU300X500NP |
| 3" X 6" | 6" | 1.23 | 10 | USA | ALU300X600NP |
| 3" X 8" | 8" | 1.64 | 10 | USA | ALU300X800NP |
| 3" X 10" | 10" | 2.05 | 5 | USA | ALU300X1000NP |
| 3" X 12" | 12" | 2.46 | 5 | USA | ALU300X1200NP |
| 3 1/2" Aluminum Nipples | | | | | |
| 3 1/2" X CLOSE | 2 3/4" | 0.99 | 10 | USA | ALU312XCLNP |
| 3 1/2" X 4" | 4" | 0.99 | 10 | USA | ALU312X400NP |
| 3 1/2" X 5" | 5" | 1.23 | 10 | USA | ALU312X500NP |
| 3 1/2" X 6" | 6" | 1.48 | 10 | USA | ALU312X600NP |
| 3 1/2" X 8" | 8" | 1.97 | 5 | USA | ALU312X800NP |
| 3 1/2" X 10" | 10" | 2.46 | 5 | USA | ALU312X1000NP |
| 3 1/2" X 12" | 12" | 2.96 | 2 | USA | ALU312X1200NP |

| Rigid Aluminum Conduit Nipples | | | | | |
|--------------------------------|--------|--------|---------|--------|---------------|
| 4" Aluminum Nipples | | | | | |
| Size | Length | Weight | Box Qty | Origin | Part Number |
| 4" X CLOSE | 2 7/8" | 1.31 | 2 | USA | ALU400XCLNP |
| 4" X 4" | 4" | 1.17 | 5 | USA | ALU400X400NP |
| 4" X 5" | 5" | 1.46 | 5 | USA | ALU400X500NP |
| 4" X 6" | 6" | 1.75 | 5 | USA | ALU400X600NP |
| 4" X 8" | 8" | 2.33 | 2 | USA | ALU400X800NP |
| 4" X 10" | 10" | 2.92 | 2 | USA | ALU400X1000NP |
| 4" X 12" | 12" | 3.50 | 2 | USA | ALU400X1200NP |
| 5" Aluminum Nipples | | | | | |
| 5" X CLOSE | 3" | 2.59 | Bulk | USA | ALU500XCLNP |
| 5" X 5" | 5" | 2.00 | Bulk | USA | ALU500X500NP |
| 5" X 6" | 6" | 2.39 | Bulk | USA | ALU500X600NP |
| 5" X 8" | 8" | 3.19 | Bulk | USA | ALU500X800NP |
| 5" X 10" | 10" | 3.99 | Bulk | USA | ALU500X1000NP |
| 5" X 12" | 12" | 4.79 | Bulk | USA | ALU500X1200NP |
| 6" Aluminum Nipples | | | | | |
| 6" X CLOSE | 3 1/8" | 3.68 | Bulk | USA | ALU600XCLNP |
| 6" X 5" | 5" | 2.63 | Bulk | USA | ALU600X500NP |
| 6" X 6" | 6" | 3.15 | Bulk | USA | ALU600X600NP |
| 6" X 8" | 8" | 4.20 | Bulk | USA | ALU600X800NP |
| 6" X 10" | 10" | 5.25 | Bulk | USA | ALU600X1000NP |
| 6" X 12" | 12" | 6.30 | Bulk | USA | ALU600X1200NP |

Quick Turnaround on Custom Lengths



~ Custom length nipples are available. Any length, any quantity.

Patriot Industries ~ Office (434) 510-1776 ~ www.patriotsas.com
 Main HQ & Factory 1 - 205 Ferncliff Drive - Louisa, VA 23093
 Factory 2 - 13721 US 1 Plant 4/4A - Chester, VA 23831
 Factory 3 - 1033 Red Bluff Road - Pasadena, TX 77506



US LISTED



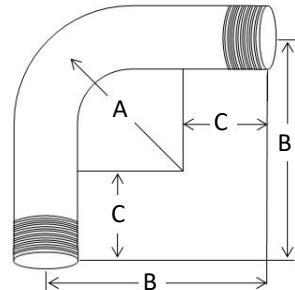
Rigid Aluminum Elbows

- Precision Machined in Rigid Aluminum
- Large Diameter Sizes come with a Color-Coded Thread Protector
- Made in Louisa Virginia, Chester Virginia, or Houston Texas



Standard Radius 90° Aluminum Elbows

| Trade Size | Standard Carton | Wgt per 100 Pcs | Nominal Dimensions | | | Part Number |
|------------|-----------------|-----------------|--------------------|----------|-------|-------------|
| | | | Radius A | B | C | |
| U.S. | Qty | Lbs | in | in | in | |
| 1/2" | 50 | 25 | 4 | 6-3/16 | 1-1/2 | ALU012EL90 |
| 3/4" | 50 | 36 | 4-1/2 | 6-3/4 | 1-1/2 | ALU034EL90 |
| 1" | 20 | 68 | 5-3/4 | 8-5/8 | 1-7/8 | ALU100EL90 |
| 1 1/4" | 20 | 104 | 7-1/4 | 10-1/16 | 2 | ALU114EL90 |
| 1 1/2" | 20 | 157 | 8-1/4 | 11-9/16 | 2 | ALU112EL90 |
| 2" | 10 | 241 | 9-1/2 | 14-1/16 | 2 | ALU200EL90 |
| 2 1/2" | Bulk | 430 | 10-1/2 | 16 | 3 | ALU212EL90 |
| 3" | Bulk | 693 | 13 | 19-11/16 | 3-1/8 | ALU300EL90 |
| 3 1/2" | Bulk | 936 | 15 | 22-3/16 | 3-1/4 | ALU312EL90 |
| 4" | Bulk | 1151 | 16 | 23-1/8 | 3-3/8 | ALU400EL90 |
| 5" | Bulk | 2474 | 24 | 36-1/8 | 3-5/8 | ALU500EL90 |
| 6" | Bulk | 4019 | 30 | 42-15/16 | 3-3/4 | ALU600EL90 |



Standard Radius 45° Aluminum Elbows

| Trade Size | Standard Carton | Wgt per 100 Pcs | Nominal Dimensions | | | Part Number |
|------------|-----------------|-----------------|--------------------|----------|---------|-------------|
| | | | Radius A | B | C | |
| U.S. | Qty | Lbs | in | in | in | |
| 1/2" | 50 | 25 | 4 | 7-13/16 | 3-1/4 | ALU012EL45 |
| 3/4" | 50 | 31 | 4-1/2 | 8-11/16 | 3-5/8 | ALU034EL45 |
| 1" | 35 | 68 | 5-3/4 | 9-3/16 | 3-13/16 | ALU100EL45 |
| 1 1/4" | 30 | 104 | 7-1/4 | 10-11/16 | 4-7/16 | ALU114EL45 |
| 1 1/2" | 15 | 157 | 8-1/4 | 11-13/16 | 4-7/8 | ALU112EL45 |
| 2" | 15 | 241 | 9-1/2 | 14-7/8 | 6-1/8 | ALU200EL45 |
| 2 1/2" | Bulk | 412 | 10-1/2 | 18-5/16 | 7-9/16 | ALU212EL45 |
| 3" | Bulk | 637 | 13 | 20-9/16 | 8-1/2 | ALU300EL45 |
| 3 1/2" | Bulk | 875 | 15 | 23-3/16 | 9-5/8 | ALU312EL45 |
| 4" | Bulk | 1125 | 16 | 24-1/2 | 10-1/8 | ALU400EL45 |
| 5" | Bulk | 2287 | 24 | 38-1/4 | 15-7/8 | ALU500EL45 |
| 6" | Bulk | 4019 | 30 | 42 | 17-3/8 | ALU600EL45 |

~ Standard radius elbows also available in 60, 30, 22 1/2, 15 and 11 1/4.

~ Special Large Radius 90° Elbows are available with up to a 60" Radius.

Patriot Industries ~ Office (434) 510-1776 ~ www.patriotsas.com
 Main HQ & Factory 1 - 205 Ferncliff Drive - Louisa, VA 23093
 Factory 2 - 13721 US 1 Plant 4/4A - Chester, VA 23831
 Factory 3 - 1033 Red Bluff Road - Pasadena, TX 77506



US LISTED



Rigid Aluminum Conduit Specifications

Specification Data

| | |
|-------------|---|
| UL File #: | File # E337297 |
| Alloy : | 6063 Aluminum with Copper Content <=0.10% |
| Standards : | UL 6A "Standard for Electrical Rigid Metal Conduit – Aluminum, Red Brass, and Stainless Steel ANSI C80.5 (Replaces Federal Specification WWC-540C) ASTM Specification B221 CSA Standard C22.2 No. 45.2 |

Conduit Weight Chart

| FEET | 1/2" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 2-1/2" | 3" | 3-1/2" | 4" | 5" | 6" |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|
| 100 | 28 | 37 | 55 | 72 | 89 | 119 | 188 | 246 | 296 | 350 | 479 | 630 |
| 200 | 56 | 75 | 109 | 143 | 177 | 237 | 375 | 493 | 591 | 700 | 958 | 1,261 |
| 300 | 84 | 112 | 164 | 215 | 266 | 356 | 563 | 739 | 887 | 1,051 | 1,437 | 1,891 |
| 400 | 112 | 150 | 218 | 286 | 355 | 474 | 750 | 985 | 1,182 | 1,401 | 1,916 | 2,522 |
| 500 | 141 | 187 | 273 | 358 | 444 | 593 | 938 | 1,232 | 1,478 | 1,751 | 2,395 | 3,152 |
| 600 | 169 | 224 | 327 | 430 | 532 | 711 | 1,125 | 1,478 | 1,774 | 2,101 | 2,873 | 3,782 |
| 700 | 197 | 262 | 382 | 501 | 621 | 830 | 1,313 | 1,724 | 2,069 | 2,451 | 3,352 | 4,413 |
| 800 | 225 | 299 | 436 | 573 | 710 | 948 | 1,500 | 1,970 | 2,365 | 2,802 | 3,831 | 5,043 |
| 900 | 253 | 337 | 491 | 644 | 798 | 1,067 | 1,688 | 2,217 | 2,660 | 3,152 | 4,310 | 5,674 |
| 1,000 | 281 | 374 | 545 | 716 | 887 | 1,185 | 1,875 | 2,463 | 2,956 | 3,502 | 4,789 | 6,304 |
| 1,500 | 422 | 561 | 818 | 1,074 | 1,331 | 1,778 | 2,813 | 3,695 | 4,434 | 5,253 | 7,184 | 9,456 |
| 2,000 | 582 | 748 | 1,090 | 1,432 | 1,774 | 2,370 | 3,750 | 4,926 | 5,912 | 7,004 | 9,578 | 12,608 |
| 5,000 | 1,405 | 1,870 | 2,725 | 3,580 | 4,435 | 5,925 | 9,375 | 12,315 | 14,780 | 17,510 | 23,945 | 31,520 |
| 10,000 | 2,810 | 3,740 | 5,450 | 7,160 | 8,870 | 11,850 | 18,750 | 24,630 | 29,560 | 35,020 | 47,890 | 63,040 |
| 15,000 | 4,215 | 5,610 | 8,175 | 10,740 | 13,305 | 17,775 | 28,125 | 36,945 | 44,340 | 52,530 | 71,835 | 94,560 |
| 20,000 | 5,620 | 7,480 | 10,900 | 14,320 | 17,740 | 23,700 | 37,500 | 49,260 | 59,120 | 70,040 | 95,780 | 126,080 |
| 25,000 | 7,025 | 9,350 | 13,625 | 17,900 | 22,175 | 29,625 | 46,875 | 61,575 | 73,900 | 87,550 | 119,725 | 157,600 |
| 30,000 | 8,430 | 11,220 | 16,350 | 21,480 | 26,610 | 35,550 | 56,250 | 73,890 | 88,680 | 105,060 | 143,670 | 189,120 |
| 35,000 | 9,835 | 13,090 | 19,075 | 25,060 | 31,045 | 41,475 | 65,625 | 86,205 | 103,460 | 122,570 | 167,615 | 220,640 |
| 40,000 | 11,240 | 14,960 | 21,800 | 28,640 | 35,480 | 47,400 | 75,000 | 98,520 | 118,240 | 140,080 | 191,560 | 252,160 |

Typical Installation Practices

Cutting ~ A hacksaw may be used to cut trade sizes $\frac{1}{2}$ " thru $1\frac{1}{4}$ ". Power cut-off tools are recommended for larger sizes.

Bending ~ Standard EMT Benders (one size larger than the size being bent) may be used for trade sizes $\frac{1}{2}$ " thru 1". Conventional Bending equipment is recommended for larger sizes.

Threading ~ Sharp dies and conventional cutting oil are recommended. Contact Customer Service for a list of recommended "Aluminum-Specific" Cutting lubricants.

Fittings ~ Aluminum fittings are recommended, however galvanized fittings may be used for most installations.

Fishing & Wire Pulling ~ For trade sizes $\frac{1}{2}$ " thru $1\frac{1}{2}$ ", and on runs <100 feet, polyethylene fish tapes or speedometer type steel cables may be used. Avoid the use of flat steel tapes. For trade sizes 2" and above, and on runs >100 feet, polypropylene rope is recommended.

Soil or Concrete Installation ~ UL's Electrical Construction Equipment Directory (UL Green Book) states that supplementary corrosion protection is required for aluminum conduit used in concrete or in contact with soil. Supplementary protection examples include paints (bitumastic) or wraps approved for the purpose, or PVC coated aluminum conduit.

Join the New Industrial Revolution™



NEMRA



NATIONAL ASSOCIATION OF
ELECTRICAL DISTRIBUTORS



CAGE Code: 6GRN9
DUNS: 040931882
SCC: S3361401
SWaM Code: 702274
A Certified Small Business

PATRIOT
INDUSTRIES
STEEL ~ ALUMINUM ~ STAINLESS

Patriot Industries ~ Office (434) 510-1776 ~ www.patriotsas.com
Main HQ & Factory 1 - 205 Ferncliff Drive - Louisa, VA 23093
Factory 2 - 13721 US 1 Plant 4/4A - Chester, VA 23831
Factory 3 - 1033 Red Bluff Road - Pasadena, TX 77506

© Copyright 2024 Patriot Aluminum Products, LLC All Rights Reserved



UL File Numbers:
Aluminum - E337297
Stainless - E337297
Galvanized - E467496
EMT - E467495