

## General information

Brand name(s): FLOW COAT ; QWIK COAT ; GATORSHIELD ; TELESPAR, SUPER FLO, DYNA FLO

Web site: [www.alliedtube.com](http://www.alliedtube.com)

## Group

Group: Tyco International  
[www.tycoint.com](http://www.tycoint.com)

## Head office

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## Tube production

Annual tube production: 726 000 metric tonnes - 800 000 US tons

## Tube standards

<b>ASTM A 135</b>	Electric-resistance-welded steel pipe
<b>ASTM A 500</b>	Cold formed welded and seamless carbon steel structural tubing in rounds and shapes
<b>ASTM A 513</b>	Electric-resistance-welded carbon and alloy steel mechanical tubing
<b>ASTM A 795</b>	Black and hot-dipped zinc-coated (galvanized) welded and seamless steel pipe for fire protection use
<b>ANSI C 80.1</b>	Rigid steel conduits - zinc coated
<b>ANSI C 80.3</b>	Electrical metallic tubing - zinc coated
<b>ANSI C 80.6</b>	Intermediate metal conduit - zinc coated
<b>UL 6</b>	Rigid metal conduits
<b>UL 797</b>	Electrical metallic tubing
<b>UL 1242</b>	Intermediate metal conduit

## Tubular products

Shape, material, manufacturing : **Round - Carbon and low alloy steel, Pre-galvanized carbon steel - Welded - Continuous forming**

Application: Water, sewage, slurry conveyance (fire protection)

		Min	Max
<b>OD</b>	mm	33.4	219.1
<b>OD</b>	inch	1.315	8.625
<b>NPS</b>	inch	1	8
<b>WT</b>	mm		
<b>WT</b>	inch		

Product name / designation: SPRINKLER PIPE, DYNA THREAD®, DYNA FLOW®, XL® GALVANIZED PIPE, BLT®, ALLIED SCHEDULE 10 AND SCHEDULE 40 - Material: carbon - Hot formed - Weld: ERW - Threaded ends available -

Shape, material, manufacturing : **Round - Carbon and low alloy steel - Welded - Continuous forming**

Application: Structure - Scaffolding - Mechanical / precision products

		Min	Max
<b>OD</b>	mm	33.4	73.0
<b>OD</b>	inch	1.315	2.875
<b>NPS</b>	inch	1	2 1/2
<b>WT</b>	mm	0.89	3.40
<b>WT</b>	inch	0.035	0.134

Material: carbon - Weld: ERW - Standard length: 6.1 meters - 20 feet - Maximum length: 7.3 meters - 24 feet -

**Shape, material, manufacturing :** Round - Carbon and low alloy steel, Pre-galvanized carbon steel, Pre-aluminized carbon steel, Stainless and high alloy steel - Welded - Continuous forming

**Application:** Structure (building, civil works, post, sign post, agricultural equipment, garden equipment, urban equipment, sport, recreational equipment) - Mechanical / precision products

		Min	Max
<b>OD</b>	mm	12.7	127.0
<b>OD</b>	inch	0.500	5.000
<b>NPS</b>	inch		
<b>WT</b>	mm	0.71	5.59
<b>WT</b>	inch	0.028	0.220

Material: carbon, low alloy, stainless ferritic - Maximum yield strength: 413 MPa - 60 ksi - Weld: HFI -

**Shape, material, manufacturing :** Round - Carbon and low alloy steel - Welded - Continuous forming

**Application:** Structure (fence)

		Min	Max
<b>OD</b>	mm	34.9	63.5
<b>OD</b>	inch	1.375	2.500
<b>NPS</b>	inch		
<b>WT</b>	mm		
<b>WT</b>	inch		

Product name / designation: SS15® FENCE FRAMEWORK -  
Material: carbon - Maximum yield strength: 344 MPa - 50 ksi -  
Weld: HFI - Coating: Allied's patented Flo-Coat triple-layer protection. - SS15 fence framework is ideal for a wide variety of light commercial applications, as well as residential. Such applications include:  
Athletic Enclosures  
Controlled Access Fencing  
Dog Kennels  
Private Parking Lots  
Security Partitions -

**Shape, material, manufacturing :** Round - Carbon and low alloy steel - Welded - Continuous forming

**Application:** Structure (fence)

		Min	Max
<b>OD</b>	mm	41.3	101.6
<b>OD</b>	inch	1.625	4.000
<b>NPS</b>	inch		3 1/2
<b>WT</b>	mm	2.41	3.68
<b>WT</b>	inch	0.095	0.145

Product name / designation: SS30 (TM) FENCE FRAMEWORK -  
Maximum yield strength: 344 MPa - 50 ksi - Weld: HFI -  
Coating: Allied's patented Flo-Coat triple-layer protection - SS30 demonstrates a thicker wall thickness than SS20, making it a perfect choice for applications that require added strength. -

**Shape, material, manufacturing :** Round - Carbon and low alloy steel - Welded - Continuous forming

**Application:** Structure (fence)

		Min	Max
<b>OD</b>	mm	34.9	101.6
<b>OD</b>	inch	1.375	4.000
<b>NPS</b>	inch		3 1/2
<b>WT</b>	mm	2.64	4.06
<b>WT</b>	inch	0.104	0.160

Product name / designation: SS40® FENCE FRAMEWORK -  
Maximum yield strength: 344 MPa - 50 ksi - Weld: HFI -  
Coating: Allied's patented Flo-Coat triple-layer protection - SS40 is 20% lighter than Schedule 40 in gauge and weight, yet is as much as 33% stronger. -

**Shape, material, manufacturing :** Round - Carbon and low alloy steel - Welded - Continuous forming

**Application:** Conduit / electrical (electrical metallic tubing)

		Min	Max
<b>OD</b>	mm	12.7	101.6
<b>OD</b>	inch	0.500	4.000
<b>NPS</b>	inch		3 1/2
<b>WT</b>	mm	1.07	2.11
<b>WT</b>	inch	0.042	0.083

Product name / designation: ELECTRICAL METAL TUBING, EMT -  
Material: carbon - Weld: HFI - Coating: Allied's patented in-line Flo-Coat® process - EMT provides shielding magnetic fields from within and without, while its uniform wall thickness provides resistance to physical damage from impact or crushing. -

**Shape, material, manufacturing :** Round - Carbon and low alloy steel - Welded - Continuous forming

**Application:** Conduit / electrical (rigid steel conduit)

		Min	Max
<b>OD</b>	mm	12.7	152.4
<b>OD</b>	inch	0.500	6.000
<b>NPS</b>	inch		
<b>WT</b>	mm	2.64	6.76
<b>WT</b>	inch	0.104	0.266

Product name / designation: GALVANIZED RIGID CONDUIT, GRC -  
Weld: HFI - Coating: Allied RIGID is hot-dipped galvanized. -  
Allied Rigid also provides radiation protection, magnetic shielding and resists impact. -

*Shape, material, manufacturing :* **Round - Carbon and low alloy steel - Welded - Continuous forming**

*Application:* Conduit / electrical (intermediate metal conduit)

		Min	Max
<b>OD</b>	mm	12.7	101.6
<b>OD</b>	inch	0.500	4.000
<b>NPS</b>	inch		3 1/2
<b>WT</b>	mm	1.78	3.56
<b>WT</b>	inch	0.070	0.140

Product name / designation: INTERMEDIATE METAL CONDUIT, IMC  
 - Weld: HF1 - Coating: Patented hot dip zinc Flo-Coat process which combines galvanizing and other special protective coating steps - Designed specifically to protect insulated electrical conductors and cables, eliminating the need for a heavier wall product. -

*Shape, material, manufacturing :* **Square - Carbon and low alloy steel, Pre-galvanized carbon steel, Pre-aluminized carbon steel, Stainless and high alloy steel**

*Application:* Structure (building, civil works, post, sign post, agricultural equipment, garden equipment, urban equipment) - Mechanical / precision products

		Min	Max
<b>OD</b>	mm	15.9 x 15.9	101.6 x 101.6
<b>OD</b>	inch	0.6 x 0.6	4.0 x 4.0
<b>NPS</b>	inch		
<b>WT</b>	mm	0.71	5.59
<b>WT</b>	inch	0.028	0.220

Material: carbon, low alloy, stainless ferritic - Maximum yield strength: 413 MPa - 60 ksi - Formed from welded tube -

*Shape, material, manufacturing :* **Square - Perforated - Carbon and low alloy steel, Pre-galvanized carbon steel, Pre-aluminized carbon steel, Stainless and high alloy steel**

*Application:* Structure (building, civil works, post, sign post, agricultural equipment, garden equipment, urban equipment) - Mechanical / precision products

		Min	Max
<b>OD</b>	mm	15.9 x 15.9	101.6 x 101.6
<b>OD</b>	inch	0.6 x 0.6	4.0 x 4.0
<b>NPS</b>	inch		
<b>WT</b>	mm	0.71	5.59
<b>WT</b>	inch	0.028	0.220

Material: carbon, low alloy, stainless ferritic - Maximum yield strength: 413 MPa - 60 ksi - Formed from welded tube -

*Shape, material, manufacturing :* **Rectangular - Carbon and low alloy steel, Pre-galvanized carbon steel, Pre-aluminized carbon steel, Stainless and high alloy steel**

*Application:* Structure (building, civil works, post, sign post, agricultural equipment, garden equipment, urban equipment) - Mechanical / precision products

		Min	Max
<b>OD</b>	mm	15.9 x 28.6	76.2 x 101.6
<b>OD</b>	inch	0.6 x 1.1	3.0 x 4.0
<b>NPS</b>	inch		
<b>WT</b>	mm	0.71	5.59
<b>WT</b>	inch	0.028	0.220

Material: carbon, low alloy, stainless ferritic - Maximum yield strength: 413 MPa - 60 ksi - Formed from welded tube -

*Shape, material, manufacturing :* **Rectangular - Perforated - Carbon and low alloy steel, Pre-galvanized carbon steel, Pre-aluminized carbon steel, Stainless and high alloy steel**

*Application:* Structure (building, civil works, post, sign post, agricultural equipment, garden equipment, urban equipment) - Mechanical / precision products

		Min	Max
<b>OD</b>	mm	15.9 x 28.6	76.2 x 101.6
<b>OD</b>	inch	0.6 x 1.1	3.0 x 4.0
<b>NPS</b>	inch		
<b>WT</b>	mm	0.71	5.59
<b>WT</b>	inch	0.028	0.220

Material: carbon, low alloy, stainless ferritic - Maximum yield strength: 413 MPa - 60 ksi - Formed from welded tube -

*Shape, material, manufacturing :* **Closed shape - Carbon and low alloy steel, Pre-galvanized carbon steel, Pre-aluminized carbon steel, Stainless and high alloy steel**

*Application:* Structure (building, civil works, post, sign post, agricultural equipment, garden equipment, urban equipment) - Mechanical / precision products

		Min	Max
<b>OD</b>	mm		
<b>OD</b>	inch		
<b>NPS</b>	inch		
<b>WT</b>	mm	0.89	2.41
<b>WT</b>	inch	0.035	0.095

Material: carbon, low alloy, stainless ferritic - Maximum yield strength: MPa - ksi - Formed from welded tube - Shapes: flat oval -

*Shape, material, manufacturing :* **Closed shape - Perforated - Carbon and low alloy steel, Pre-galvanized carbon steel, Pre-aluminized carbon steel, Stainless and high alloy steel**

*Application:* Structure (building, civil works, post, sign post, agricultural equipment, garden equipment, urban equipment) - Mechanical / precision products

		Min	Max
<b>OD</b>	mm		
<b>OD</b>	inch		
<b>NPS</b>	inch		
<b>WT</b>	mm	0.89	2.41
<b>WT</b>	inch	0.035	0.095

Material: carbon, low alloy, stainless ferritic - Maximum yield strength: 413 MPa - 60 ksi - Shapes: flat oval -

*Shape, material, manufacturing :* **Open shape - Carbon and low alloy steel, Pre-galvanized carbon steel, Pre-aluminized carbon steel, Stainless and high alloy steel**

*Application:* Structure (building, civil works, post, sign post, agricultural equipment, garden equipment, urban equipment) - Mechanical / precision products

		Min	Max
<b>OD</b>	mm		
<b>OD</b>	inch		
<b>NPS</b>	inch		
<b>WT</b>	mm		
<b>WT</b>	inch		

Material: carbon, low alloy, stainless ferritic - Formed from welded tube - Shapes: channel -

*Shape, material, manufacturing :* **Open shape - Perforated - Carbon and low alloy steel, Pre-galvanized carbon steel, Pre-aluminized carbon steel, Stainless and high alloy steel**

*Application:* Structure (building, civil works, post, sign post, agricultural equipment, garden equipment, urban equipment) - Mechanical / precision products

		Min	Max
<b>OD</b>	mm		
<b>OD</b>	inch		
<b>NPS</b>	inch		
<b>WT</b>	mm		
<b>WT</b>	inch		

Material: carbon, low alloy, stainless ferritic - Formed from welded tube - Shapes: channel -

### Tube ends

**Thread and coupling**  
(other than OCTG and water well)

OD: 33.4 to 168.3 mm - 1.315 to 6.625 inch

### Tube coating

**External coating**

**Chrome plating**

**Polymer over galvanizing**

OD: 25.4 to 127.0 mm - 1.000 to 5.000 inch

**Proprietary coating - Flow Coat (In line galvanizing)**

OD: 25.4 to 127.0 mm - 1.000 to 5.000 inch

## **Manufacturing facility(ies)**

### **DePere facility**

DePere, WI  
USA

### **Madison facility**

Indiana  
USA  
Total area: 362 300 square meters - 89.5 acres

### **Philadelphia facility**

Philadelphia, PA  
USA

### **Harvey facility**

16100 South Lathrop Avenue  
Harvey, Illinois 60426  
USA  
Tel (1) 800 882 5543  
Fax (1) 708 339 2399

### **Phenix facility**

2525 N. 27th Avenue  
Phoenix, Arizona 85009  
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Tel (1) 602 272 6606  
Fax (1) 602 269 1324

### **Pine Bluff facility**

PO Box 7612 Pine Bluff  
Arkansas 71611  
4215 Emmett Sanders Road  
Arkansas 71601  
USA  
Tel (1) 501 535 6200  
Fax (1) 501 535 4006  
Covered area: 64 700 square meters - 696 000  
square feet  
Total area: 241 500 square meters - 59.7 acres  
ISO 9002