# GROOVED ELBOWS - Standard Radius
# Model 201, 208, 206, 207






**Available Sizes**
• 1" through 12" (25 through 300 mm)

**Pipe Material**
• Carbon steel, Schedule 10, Schedule 40.
For use with alternative materials and wall thicknesses please contact ARGCO.

**Maximum Working Pressure**
• Up to 300 psi/20 bar

**Function**
• Joins carbon steel pipe.
• Provides a rigid pipe joint designed to restrict axial or angular movement.

**CERTIFICATIONS/LISTINGS**
Underwriters Laboratories, Underwriters Laboratories Canada, Factory Mutual.

## SPECIFICATIONS - MATERIAL
**Housing Sections:** Ductile Iron conforming to ASTM A 536, Grade 65-45-12.

**Housing Coating:**
Standard: Hot Dipped Galvanized
Available: Orange Enamel

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| System No. | | Location | | Spec Section | | Paragraph | |
| Submitted By | | Date | | Approved | | Date | |

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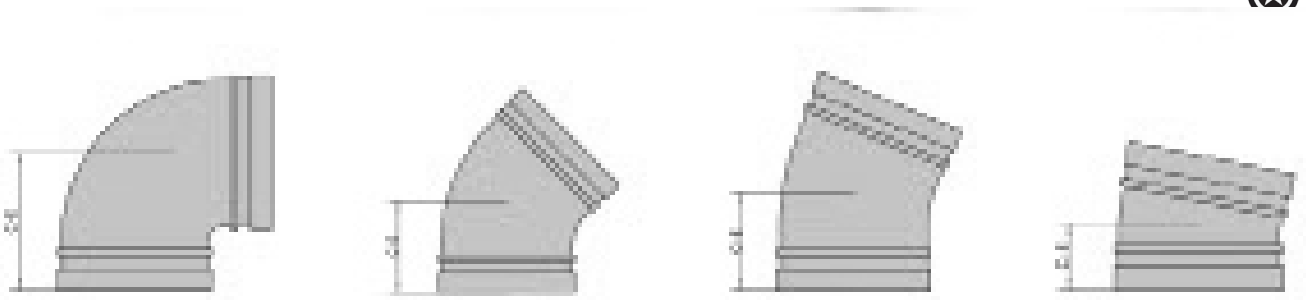

| Nominal Size in/mm | Pipe O.D. in/mm | Max Working Pressure psi/Bar | Model 201 90° Elbow Standard Item # | Model 201 C-E inches mm | Model 208 45° Elbow Item # | Model 208 C-E inches mm | Model 206 22.5° Elbow Item # | Model 206 C-E inches mm | Model 207 11.25° Elbow Item # | Model 207 C-E inches mm |
|---|---|---|---|---|---|---|---|---|---|---|
| 1" | 1.327 | 300 | 7012040 | 2.24 | 7012062 | 1.77 | 7012073 | 1.77 | 7012245 | 1.38 |
| 25 | 33.7 | 20 | | 57 | | 45 | | 45 | | 35 |
| 1-1/4" | 1.669 | 300 | 7012041 | 2.76 | 7012063 | 1.77 | 7012074 | 1.89 | 7012246 | 1.38 |
| 32 | 42.4 | 20 | | 70 | | 45 | | 48 | | 35 |
| 1-1/2" | 1.9 | 300 | 7012042 | 2.76 | 7012064 | 2.01 | 7012075 | 2.01 | 7012247 | 1.50 |
| 40 | 48.3 | 20 | | 70 | | 51 | | 51 | | 38 |
| 2" | 2.375 | 300 | 7012043 | 3.27 | 7012065 | 2.44 | 7012076 | 2.01 | 7012248 | 1.50 |
| 50 | 60.3 | 20 | | 83 | | 62 | | 51 | | 38 |
| 2-1/2" | 2.875 | 300 | 7012044 | 3.74 | 7012066 | 2.76 | 7012077 | 2.87 | 7012249 | 1.77 |
| 65 | 73 | 20 | | 95 | | 70 | | 73 | | 45 |
| 3" | 3.5 | 300 | 7012045 | 4.25 | 7012067 | 2.99 | 7012078 | 2.87 | 7012250 | 1.77 |
| 80 | 88.9 | 20 | | 108 | | 76 | | 73 | | 45 |
| 4" | 4.25 | 300 | 7012046 | 5 | 7012068 | 3.27 | 7012079 | 2.87 | 7012251 | 2.01 |
| 100 | 108 | 20 | | 127 | | 83 | | 73 | | 51 |
| 5" | 5.25 | 300 | 7012047 | 5.51 | 7012069 | 3.50 | 7012080 | 3.11 | 7012252 | 2.01 |
| 125 | 133 | 20 | | 140 | | 89 | | 79 | | 51 |
| 6" | 6.25 | 300 | 7012048 | 6.25 | 7012070 | 4.25 | 7012081 | 4.37 | 7012253 | 2.13 |
| 150 | 159 | 20 | | 165 | | 108 | | 111 | | 54 |
| 8" | 8.265 | 300 | 7012049 | 7.76 | 7012071 | 4.76 | 7012082 | 4.88 | 7012254 | 2.24 |
| 200 | 219.1 | 20 | | 197 | | 121 | | 124 | | 57 |
| 10" | 10.75 | 300 | 7012050 | 9.02 | | | | | | |
| 250 | 273 | 20 | | 229 | | | | | | |
| 12" | 12.75 | 300 | 7012051 | 10 | | | | | | |
| 300 | 323.9 | 20 | | 254 | | | | | | |

- Working Pressure and End Load are total, from all internal and external loads, based on standard weight (ANSI) steel pipe, standard roll or cut grooved in accordance with ARGCO specifications.
- The allowable pipe separation dimension shown is for system layout purposes only. ARGCO couplings are considere rigid connections and will not accommodate expansion or contraction of the piping system.
- When assembling ARGCO couplings onto end caps, take additional care to make certain the end cap is fully seated against the gasket end stop.

**User Responsibility for Product Selection and Suitability**
Each user bears final responsibility for making a determination as to the suitability of ARGCO products for a particular end-use application, in accordance with industry standards and project specifications, and the applicable building codes and related regulations as well as ARGCO performance, maintenance, safety, and warning instructions. Nothing in this or any other document, nor any verbal recommendation, advice, or opinion from any ARGCO employee, shall be deemed to alter, vary, supersede, or waive any provision of Allied Rubber and Gasket Company's standard conditions of sale, installation guide, or this disclaimer.

**Note**
All products to be installed in accordance with current ARGCO installation/assembly instructions. ARGCO reserves the right to change product specifications, designs and standard equipment without notice and without incurring obligations.

**Installation**
Reference should always be made to the ARGCO installation instructions of the product you are installing.

**Warranty**
Refer to the Warranty section of the current Price List or contact ARGCO for details.