

EDMUND A. GRAY COMPANY, Inc.

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CERTIFICATE OF CONFORMANCE & COMPLIANCE

APPLICABLE STANDARDS AND SPECIFICATIONS

Revised November 2021

CERTIFICATION OF COMPLIANCE

The Edmund A. Gray Company, Inc. certifies that all of our pipe nipples are domestically manufactured in the USA with the majority at our factory in Southern California, and that these products are manufactured in accordance with the Standards and Specifications listed herein.

The Edmund A. Gray Company regularly communicates with our raw material and finished goods suppliers and, to the best of our knowledge and belief, based on their responses to us, as well as our own testing, measurement, and monitoring, that the raw materials and finished goods being supplied to us are also manufactured in accordance with the Standards and Specifications listed herein.

The Edmund A. Gray Company continually inspects finished goods and raw materials in order to make sensible efforts to ensure that any changes to our suppliers' processes (which we have no control over), do not result in non-compliance with Standards and Specifications listed below. If (and when) non-compliance conditions are discovered, we make every reasonable effort to correct any issues with our suppliers, or utilize alternate sources until corrections can be made.

Please contact our sales office with any questions or should you require further information.

Cordially,
EDMUND A. GRAY COMPANY, Inc.

Lawrence C Gray, III, Vice President

NOTES

--The pipe we purchase, use, convert and sell, as well as our manufacturing processes, meet or exceed applicable Standards and Specifications. Although raw materials may be globally-sourced from non-domestic manufacturers, the material undergoes a 'Substantial Transformation', as defined by Federal Guidelines. Per these guidelines, a substantial majority (at least 51%) of the total product cost is incurred in the U.S.A., therefore these pipe nipples are classified as, and appropriately termed Domestically Manufactured Product.

--Federal Pipe Nipple Specification **WW-N-351** was canceled 3/5/1990 and is obsolete. It was superseded by ASTM A733 and ASTM B687.

--Copper Alloy C230 is a Copper/Zinc alloy commonly referred to as 'Red Brass'. Other elements, including silicon, lead and iron, are not intentionally added to the alloy. These elements may exist, but will exist ONLY as impurities.

This document contains information and specifications which may be confidential, protected and/or legally privileged. This information is intended only for use by: a) any organization to which it was distributed directly by Edmund A. Gray Company Inc. or b) current customer(s) having purchasing history directly with Edmund A. Gray Company, Inc during the last twelve (12) months. If you do not fit into one of these two groups, use of this document is strictly prohibited and under no circumstances shall any information contained herein be duplicated, distributed or disclosed to any other organization, person or third party, by any means, without written authorization from Edmund A. Gray Company.

Please contact us regarding specifications for any of our products where specifications are not listed herein.

STANDARDS & SPECIFICATIONS for PIPE NIPPLES

| | |
|---|------------------------|
| NPT Pipe Nipple Threads (applicable to all) | ASME B1.20.1 |
| STEEL WELDED PIPE NIPPLES [Sch 40/80] (Domestic) | |
| Steel Pipe (Welded) | ASTM A53 (A120) |
| Welded Steel Nipples | ASTM A733 |
| STEEL SEAMLESS PIPE NIPPLES [Sch 40/80/160/XXHVY] (Domestic) | |
| Seamless Steel Pipe | ASTM A106 Grade B |
| Seamless Steel Nipples | ASTM A733 |
| STAINLESS STEEL 304/316 NIPPLES [Sch 40/80/160/XXHVY] (Domestic) | |
| Stainless Steel Pipe (Welded & Seamless) | ASTM A312, ASME SA312 |
| Stainless Steel Nipples | ASTM A733 |
| RED BRASS PIPE NIPPLES [Sch 40/80] (Domestic) | |
| Seamless Red Brass Pipe (Alloy C230) | ASTM B43 |
| Brass Pipe Nipples (including Chrome Plated) | ASTM B687-88 |
| ALUMINUM PIPE NIPPLES Type 6061-T6 [Sch 40/80] (Domestic) | |
| Aluminum Pipe (Seamless) | ASTM B241 |
| PVC PLASTIC PIPE NIPPLES [Sch 80] (Domestic) | |
| PVC Plastic Pipe | ASTM D1784, ASTM D1785 |
| PVC Plastic Pipe Nipples | ASTM A733 |
| NPT Pipe Nipple Threads | ASTM F-1498 |

NOTE: Molded PVC Pipe Nipples are made from similar but superior resins which offer equivalent strength, consistency, and durability.

STANDARDS & SPECIFICATIONS for PIPE FITTINGS

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|--|---|
| NPT Pipe Fitting Threads (applicable to all) | ASME B1.20.1 |
| BRONZE THREADED FITTINGS & FLANGES CLASS 125 (GSP) | |
| Brass/Bronze Castings | ASTM B62-93, ASTM B584, Alloys: C83600, C83800, C84400 |
| Lead Free Castings | ASTM B62-93, ASTM B584, C89833 |
| Brass/Bronze Fitting Dimensions | ASME B16.15, Fed. WW-P-460C |
| Brass/Bronze Unions | A-A-59617, Fed. WW-U-516B |
| Brass/Bronze Flanges | ASME B16.24, B16.5, MSS-SP-106 |
| Overseas Manufacturing Facilities | ISO 9001:2000 |
| MALLEABLE IRON THREADED FITTINGS, CLASS 150 & 300 (GSP) | |
| Malleable Castings | ASTM A197 |
| Hot-Dipped Galvanized Fittings | ASTM A153 |
| Malleable Fitting Dimensions | ASME B16.3 |
| Malleable Unions | ASME B16.39, Fed. WW-U-516B |
| All Malleable Iron Fittings | UL Listed |
| Overseas Manufacturing Facilities | ISO 9001 |
| STAINLESS STEEL FITTINGS, TYPE 304 & 316, Class 150 & MSS-SP114 (GSP) | |
| Castings | ASTM A351 |
| Fitting Dimensions | ASME B16.3 |
| Overseas Manufacturing Facilities | ISO 9001 |

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|---|-------------|
| MERCHANT STEEL FITTINGS & COUPLINGS (Domestic & GSP) | |
| Merchant Coupling (Dimensions & Material) | ASTM A865 |
| Merchant Steel Bushings, Caps & Plugs | ASME B16.14 |
| API Line Couplings | API-5L |

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|---|-------------|
| ALUMINUM PIPE FITTINGS, Class 150 (Domestic) | |
| Castings (Fittings & Flanges) | Type 356-T6 |

STANDARDS & SPECIFICATIONS for FLANGES & VALVES :

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|---|------------------|
| NPT Pipe Fitting Threads (applicable to all) | ASME B1.20.1 |
| CAST IRON FLANGES, Class 125 & 250 (GSP) | |
| Castings/Forgings | ASTM A126 |
| CARBON STEEL FORGED FITTINGS & TANK FLANGES (Domestic & GSP) | |
| Castings/Forgings | ASTM A105 |
| BUTTERFLY & CHECK VALVES (GSP) | |
| Castings/Forgings (Gray Iron) | ASTM A126 |
| Castings/Forgings (Ductile Iron) | ASTM A536 |
| PVC BALL & CHECK VALVES (GSP) | |
| Threaded, Slip & True-Union | ASTM F1970 |
| CAST BRONZE BALL, GATE & CHECK VALVES (GSP) | |
| Castings | ASTM B124 & B584 |
| Pressure | ANSI/ASME B16.33 |

Note:
(Domestic) Manufactured in USA from Globally Sourced and/or Domestic Raw Materials
(GSP) Globally Sourced Products & Finished Goods (Imported)