

EDMUND A. GRAY COMPANY

CERTIFICATE OF CONFORMANCE & COMPLIANCE

APPLICABLE STANDARDS AND SPECIFICATIONS

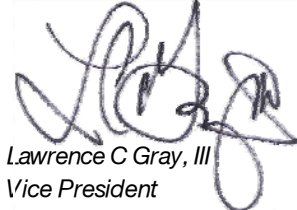


Certification of Compliance

The Edmund A. Gray Company, Inc. certifies that all of our domestic pipe nipples are manufactured in Southern California, and that those products along with other domestic products supplied to us are manufactured in accordance with the Standards and Specifications listed herein. The Edmund A. Gray Company has inquired with our finished goods suppliers and, to the best of our knowledge, based on their responses to us, the domestic and imported product(s) being supplied to us are manufactured in accordance with the Standards and Specifications listed herein. However, we have no control over their manufacturing processes. Therefore, we cannot be held responsible for changes to their processes which may inadvertently result in products which may not comply with the Standards and Specifications listed below. 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

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NOTES

--The pipe we purchase, use, convert and sell, as well as our manufacturing processes, meet or exceed all of the applicable Standards and Specifications. Although raw materials may come 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 Domestic 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--Federal Pipe Nipple Specification **WW-N-351** was canceled 3/5/1990 and is obsolete. It was superseded by ASTM A733 and ASTM B687.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. Other elements, including silicon, lead and iron, are not intentionally added to the alloy. These elements may exist, but will exist ONLY as impurities.

STEEL WELDED PIPE NIPPLES Sch40/80 – (Domestic AND Import)

Steel Pipe	ASTM A53 (A120)
Welded Steel Nipples	ASTM A733
NPT Pipe Nipple Threads	ASME B1.20.1
Overseas Manufacturing Facility	ISO 9001:2000

STEEL SEAMLESS PIPE NIPPLES Schedule 40/80/160/XXHVY (Domestic)

Seamless Steel Pipe	ASTM A106 Grade B
Seamless Steel Nipples	ASTM A733
NPT Pipe Nipple Threads	ASME B1.20.1

STAINLESS STEEL NIPPLES Sch 40/80 Type 304/316 Welded & Seamless

Stainless Steel Pipe	ASTM A312, ASME SA312
Stainless Steel Nipples	ASTM A733
NPT Pipe Nipple Threads	ASME B1.20.1

SEAMLESS RED BRASS PIPE NIPPLES (Schedule 40/80)

Seamless Red Brass Pipe	ASTM B43 (Copper Alloy C230)
Brass Pipe Nipples (incl. Chrome Plated)	ASTM B687-88
NPT Pipe Nipple Threads	ASME B1.20.1

SEAMLESS ALUMINUM PIPE NIPPLES Sch 40/80 Type 6061-T6

Aluminum Pipe	ASTM B241
NPT Pipe Nipple Threads	ASME B1.20.1

IMPORTED BRONZE THREADED FITTINGS & FLANGES CLASS 125

Bronze Castings	ASTM B62-93, ASTM B584, C83600
Bronze Fitting Dimensions	ASME B16.15, Fed Spec. WW-P-460C
NPT Pipe Fitting Threads	ASME B1.20.1
Bronze Unions	A-A-59617, Fed. Spec. WW-U-516B
Bronze Flanges	ASME B16.24, B16.5, MSS-SP-106
Overseas Manufacturing Facilities	ISO 9001:2000

IMPORTED MALLEABLE IRON THREADED FITTINGS, CLASS 150 & 300

Malleable Castings	ASTM A197
Hot-Dipped Galvanized Fittings	ASTM A153
Malleable Fitting Dimensions	ASME B16.3
Malleable Unions	ASME B16.39, Fed. Spec. WW-U-516B
NPT Pipe Fitting Threads	ASME B1.20.1
All Malleable Iron Fittings	UL Listed
Overseas Manufacturing Facilities	ISO 9001

COPPER (WROT) FITTINGS

Threaded Ends	ANSI/ASME B1.20.1
Solder Ends	ASTM B88, ASTM B306, NSF-61
Cast Items	ANSI/ASME B16.18
Alloy	C12200

MERCHANT STEEL FITTINGS & COUPLINGS

Merchant Coupling (Dimensions & Material)	ASTM A865
Merchant Coupling Threads	ASME B1.20.1
Merchant Steel Bushings, Caps & Plugs	ASME B16.14
API Line Couplings	API-5L

PVC PLASTIC PIPE NIPPLES Sch 80

PVC Plastic Pipe	ASTM D-1784, ASTM D-1785
PVC Plastic Pipe Nipples	ASTM A733
NPT Pipe Nipple Threads	ASTM F-1498, ASME B1.20.1

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