



Commanding a Higher Standard<sup>SM</sup>

# THE PHOENIX FORGE GROUP

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## PRODUCT SPECIFICATION BULLETIN

### CERTIFICATE OF COMPLIANCE

#### PIPE NIPPLES - SERRATED ADAPTER NIPPLES FOR PLASTIC PIPE

We hereby certify that the red brass and steel serrated adapter nipples supplied by Capitol Manufacturing and CapProducts Ltd. conform to the material requirements of the ASTM material specifications listed below. We further certify that the threads of these adapter nipples conform to the specified requirements of ASME B1.20.1. Steel adapter nipples are electro-zinc plated in accordance with the requirements of ASTM B633, Type III, SC2.

#### RED BRASS

ASTM B43 Grade 85/15

Copper

Lead

Iron

Zinc

#### Composition %

84.0 - 86.0 %

0.05 % Max.

0.05 % Max.

Remainder

#### STEEL

ASTM A53 Grade B

Carbon

Manganese

Phosphorus

Sulfur

Copper

Nickel

Chromium

Molybdenum

Vanadium

#### Composition %

0.30 % Max.

1.20 % Max.

0.05 % Max.

0.045 % Max.

0.04 % Max.

0.40 % Max.

0.40 % Max.

0.15 % Max

0.08 % Max.

These products are produced in accordance with the Capitol Manufacturing or CapProducts Ltd. ISO 9001:2008 Certified Quality System Program. In addition, we certify that Capitol Manufacturing or CapProducts Ltd. brand serrated adapter nipples for plastic pipe are respectively manufactured and inspected in the United States of America or Canada.

These products are inspected by independent quality control personnel conforming to the requirements of EN 10204 Section 3.1. These products were not exposed to mercury or any other metal alloy that is liquid at ambient temperatures during processing or while in our possession.

These products do not include heavy metals (lead, mercury, cadmium, and hexavalent chromium) and brominated flame retardants (polybrominated biphenyls (PBB) or polybrominated diphenyl ethers (PBDE) and fully comply with the European Directive EU 2011/65/EC RoHS requirements. We further certify that these products fully conform to the low lead Safe Drinking Water Act of 2014 and NSF 61 requirements containing less than 0.25% lead.

Bulletin: B-12.06 Rev. 5 Date: 01/01/16 Approved: Guy Cuccio Title: Technical Services Mgr.



Catasauqua, PA, USA