

SUBMITTAL SHEET

JOB NAME	ITEM TAG
JOB LOCATION	PART NUMBER
CONTRACTOR	DATE
ENGINEER APPROVAL	DATE

MALLEABLE FITTINGS (CHINA)

Elbows, Tees, Crosses, Plugs, Unions, Caps, Couplings, Hex Bushings and Floor Flanges

- Produced in an ISO 9001 registered facility.
- Manufactured in compliance with all applicable ASTM and ANSI standards.
- UL listed and Factory Mutual approved *UL listings HHXX.EX6624 Fire Main Equipment - Pipe fittings and VIZQ.EX9172 Sprinkler System and Water Spray System Devices - Unions
- Manufactured using the latest technologies for material consistency and dimensional tolerances. They're cast using an electric induction furnace, to ensure that the material is at optimum casting temperature longer.
- Classified as a Class 150 malleable iron fitting, (rated at 150 psi) they are test pressure rated by UL and Factory Mutual at 300 and 500 psi, configuration-specific.
- Packaged in double corrugated, oil-resistant boxes marked with an English description. All labels are color-coded, denoting either a black or galvanized fitting.



MATERIAL SPECIFICATION		
PART	MATERIAL	SPECIFICATION
1. All Fittings	Malleable Iron	ASTM A197 & ASTM A47

Specifications for Threaded Malleable Iron Fittings - Class 150:

American Society for Testing and Materials (A.S.T.M.):

- ASTM A197: Standard specification for cupola malleable iron.
- ASTM A153: Standard specification for zinc coating (hot-dip) on iron and steel hardware.
- ASTM A47: Standard specification for ferritic malleable iron castings.

American National Standards Institute (A.N.S.I.):

- ANSI B16.3: Malleable iron threaded fittings.
- ANSI B16.14: Ferrous pipe plugs, bushings and locknuts with pipe threads.
- ANSI B16.39: Malleable iron threaded pipe unions.
- ANSI B1.20.1: Threads, pipe—general purpose (inch).

UPC/IAPMO:

- California lead plumbing law compliant: File #6047
- Galvanized fittings only: NSF Standard 61-4 compliant

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Produced in an ISO 9001 and 14001 registered facility.

Manufactured in compliance with all applicable ASTM and ANSI Standards.

Improved, environmentally-friendly electro-paint coating process, provides superior corrosion and abrasion resistance.

The new coatings result in cleaner, brighter finishes, without the traditional residual oil build-up. Galvanized fittings feature a cured double coating of Zinc, for exceptional corrosion protection.

UL listed, Factory Mutual approved.

UPC/IAPMO third-party certified lead-free. NSF 61 Compliant.

Manufactured using the latest technologies for material consistency and dimensional tolerances; an electric induction furnace ensures optimum temperatures for the duration of the casting process.

Classified as a Class 150 malleable iron fitting, (rated at 150 psi) they are test pressure rated by UL and Factory Mutual at 300 and 500 psi, configuration-specific.

MATERIAL SPECIFICATION		
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1	All fittings	Malleable iron ASTM A197 & ASTM A47



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UPC/IAPMO:

- California lead plumbing law compliant: File #6047 - NSF 372
- Galvanized fittings only: NSF Standard 61 compliant