

SUBMITTAL SHEET

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

LEGEND MALLEABLE FITTINGS (SA - SIAM)

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.
- Key configurations are UL listed: HHXX.EX15226 and HHXX7.EX15226 Fire Main Equipment - Pipe fittings; *intended for use in water supply piping systems and fire suppression system piping in accordance with NFPA standards
- 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 also test pressure rated at 730 psi and have an achieved burst pressure rating of 5000 psi (pressure increased to failure). As tested, they maintain a 4.8 to 1 pressure safety ratio.
- 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

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1. All fittings	Malleable Iron	ASTM A197

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).

