SECTION 01
MALLEABLE FITTINGS

We offer one of the most extensive selections of black and galvanized malleable iron fittings in the industry. Available in 13 diameters from 1/8” to 6”, every fitting is produced to exact specifications. All galvanized products are zinc-coated for water applications and meet all low-lead requirements. In addition, all of our iron fittings undergo our rigorous testing and quality inspections.

150# Black & Galv. Fittings.....004

- Elbows
- Tees
- Locknuts
- Crosses
- Couplings
- Caps
- Flanges
- Unions
- Plugs


Floor Flange

150# Malleable Iron Threaded Fittings

FIP

BULK PART NUMBER

Size	Black	Galvanized	Inner	MC
1/4	-	-	-	-
3/8	521-602	-	35	140
1/2	521-603	511-603	25	100
3/4	521-604	511-604	20	80
1	521-605	511-605	20	60
1-1/4	521-606	511-606	15	45
1-1/2	521-607	511-607	12	36
2	521-608	511-608	8	24
3	521-610	-	12	24

BARCODED PART NUMBER

Size	Black	Galvanized	Inner	MC
1/4	521-601HC	511-601HC	-	25
3/8	521-602HP	511-602HP	-	10
1/2	521-603HP	511-603HN	0	18 / 20
3/4	521-604HP	511-604HN	0	18 / 20
1	521-605HN	511-605HN	-	10
1-1/4	521-606HN	511-606HN	-	5
1-1/2	521-607HP	511-607HN	-	5
2	521-608HN	511-608HN	-	4
3	521-610BC	511-610BC	12	24


Extension Pieces

150# Malleable Iron Threaded Fittings

FIP x MIP

BULK PART NUMBER

Size	Black	Galvanized	Inner	MC
1/2	521-613	511-613	25	300
3/4	521-614	511-614	60	180

BARCODED PART NUMBER

Size	Black	Galvanized	Inner	MC
1/2	-	511-613HC	-	80
3/4	-	511-614HC	-	10


Union

150# Malleable Iron Threaded Fittings

FIP x FIP

BULK PART NUMBER

Size	Black	Galvanized	Inner	MC
1/8	521-700	511-700	20	240
1/4	521-701	511-701	30	180
3/8	521-702	511-702	35	140
1/2	521-703	511-703	25	100
3/4	521-704	511-704	20	60
1	521-705	511-705	15	45
1-1/4	521-706	511-706	15	30
1-1/2	521-707	511-707	10	20
2	521-708	511-708	6	24
2-1/2	521-709	511-709	8	16
3	521-710	511-710	5	10
4	521-711	511-711	3	6

BARCODED PART NUMBER

Size	Black	Galvanized	Inner	MC
1/8	521-700HC	511-700HC	-	35
1/4	521-701HN	511-701HC	-	10
3/8	521-702HN	511-702HN	-	5
1/2	521-703HN	511-703HN	-	15
3/4	521-704HN	511-704HN	-	15
1	521-705HN	511-705HN	-	5
1-1/4	521-706HN	511-706HN	-	5
1-1/2	521-707HN	511-707HN	-	4
2	521-708HN	511-708HN	-	3
2-1/2	521-709BC	511-709BC	8	16
3	521-710BC	511-710BC	5	10
4	521-711BC	511-711BC	3	6

FINISHES

Black, Galvanized and Their Designed Applications

Our fittings, nipples and pipes are offered in three finishes: Black, Galvanized and Red Brass. Each finish offers unique application advantages over each other making them ideal for particular projects.

BLACK FINISH

Accessories with black finish are generally used for lubricant oil, grease, LP gas, natural gas, gases (nitrogen, oxygen, etc.), steam and diesel. This finish is best suited for normal use where an inner rustproof protection is not required.

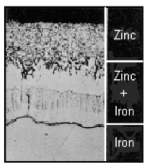
GALVANIZED FINISH

Our Galvanized Finish offering is used for hot and cold water systems, refrigeration, sprinklers, compressed air, gasoline, diesel, alcohol, and some other applications where conducted fluid needs inner rustproof protection.

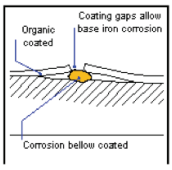
These fittings are manufactured by hot-dip galvanizing according to ASTM A-153. There are several ways to protect iron against rust, but none better than our hot-dip galvanizing process. Hot-dip galvanizing is one of the most efficient, practical and economical ways to protect iron and steel as zinc resists very well environment, air, and water corrosion for long lasting protection.

Galvanizing protects from corrosion the following ways:

1) It offers a long lasting isolating coverage made of metallic zinc and zinc alloy expertly applied to our iron.
2) Since zinc is bonded to iron as part of the iron-zinc combination, the protection works at a molecular level throughout the union. This serves as both a mechanical and corrosion protector.

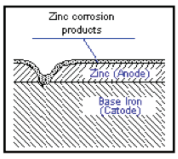


Zinc resists the environment's corrosive actions. Opposite to this, most of the organic coatings (paintings) are environmentally unstable and need to be renewed frequently. When a little failure occurs, corrosion starts and it begins to become larger under the protective coating.



Cathodic iron protection, provided by the metallic zinc coating, is factually based on corrosion being an electro-chemical process.

As zinc is a highly active electrochemical element, it tends to absorb oxygen before iron does it. Furthermore, this condition



creates additional protection against zinc hydroxide. This cathodic protection prevents corrosion to exposed parts, due to any discontinuity or mechanical damage on the coating.