



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





45° Elbow
150# Malleable Iron Threaded Fittings

FIP x FIP

BULK PART NUMBER

Size	Black	Galvanized	Inner	MC
1/8	520-200	510-200	50	600
1/4	520-201	510-201	35	420
3/8	520-202	510-202	50	300
1/2	520-203	510-203	50	200
3/4	520-204	510-204	40	120
1	520-205	510-205	20	60
1-1/4	520-206	510-206	20	80
1-1/2	520-207	510-207	15	60
2	520-208	510-208	9	36
2-1/2	520-209	510-209	12	24
3	520-210	510-210	5	15
4	520-211	510-211	3	6
6	520-213	-	-	2

BARCODED PART NUMBER

Size	Black	Galvanized	Inner	MC
1/8	520-200HC	510-200HC	-	25
1/4	520-201HC	510-201HC	-	25
3/8	520-202HN	510-202HC	0	5 / 25
1/2	520-203HN	510-203HP	0	10 / 5
3/4	520-204HN	510-204HN	-	10
1	520-205HN	510-205HN	-	5
1-1/4	520-206HN	510-206HN	-	5
1-1/2	520-207HN	510-207HN	-	5
2	520-208HN	510-208HN	-	3
2-1/2	520-209BC	510-209BC	8	16
3	520-210BC	510-210BC	5	15
4	520-211BC	510-211BC	3	6
6	-	-	-	-



90° Street Elbow
150# Malleable Iron Threaded Fittings

MIP x FIP

BULK PART NUMBER

Size	Black	Galvanized	Inner	MC
1/8	520-300	510-300	50	600
1/4	520-301	510-301	35	420
3/8	520-302	510-302	40	240
1/2	520-303	510-303	60	180
3/4	520-304	510-304	35	105
1	520-305	510-305	30	60
1-1/4	520-306	510-306	18	72
1-1/2	520-307	510-307	18	54
2	520-308	510-308	10	30
2-1/2	520-309	510-309	9	18
3	520-310	510-310	-	7
4	520-311	510-311	2	6

BARCODED PART NUMBER

Size	Black	Galvanized	Inner	MC
1/8	520-300HC	510-300HC	-	25
1/4	520-301HN	510-301HN	-	10
3/8	520-302HN	510-302HN	-	5
1/2	520-303HN	510-303HN	-	15
3/4	520-304HN	510-304HP	-	15 / 10
1	520-305HN	510-305HN	-	5
1-1/4	520-306HN	510-306HN	-	5
1-1/2	520-307HP	510-307HN	-	5
2	520-308HN	510-308HN	-	4
2-1/2	520-309BC	510-309BC	9	18
3	520-310BC	510-310BC	-	7
4	520-311BC	510-311BC	2	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.

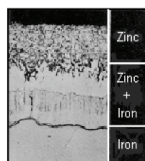
GALVANIZED FINISH

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.

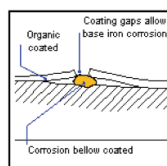
These fittings are manufactured by hot-dip galvanizing according to ASTM A-153. There are several ways to protect iron against rust, but none better than our hot-dip galvanizing process. Hot-dip galvanizing is one of the most efficient, practical and economical ways to protect iron and steel as zinc 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.

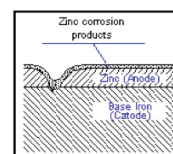


Zinc resists the environment's corrosive actions. Opposite to this, most of the organic coatings (paintings) are environmentally unstable and need to be renewed frequently. When a little failure occurs, corrosion starts and it begins to become larger under the protective coating.



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.