



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



BLACK & GALVANIZED FITTINGS | MALLEABLE FITTINGS



90° Elbow
150# Malleable Iron Threaded Fittings
FIP x FIP

BULK PART NUMBER

Size	Black	Galvanized	Inner	MC
1/8	520-000	510-000	50	600
1/4	520-001	510-001	35	420
3/8	520-002	510-002	45	270
1/2	520-003	510-003	50	200
3/4	520-004	510-004	35	105
1	520-005	510-005	20	60
1-1/4	520-006	510-006	20	40
1-1/2	520-007	510-007	15	30
2	520-008	510-008	8	32
2-1/2	520-009	510-009	-	13
3	520-010	510-010	-	7
4	520-011	510-011	2	6
6	520-013	510-013	-	2

BARCODED PART NUMBER

Size	Black	Galvanized	Inner	MC
1/8	520-000HC	510-000HC	-	25
1/4	520-001HN	510-001HN	-	10
3/8	520-002HN	510-002HN	-	5
1/2	520-003HN	510-003HN	-	25
3/4	520-004HN	510-004HN	-	25
1	520-005HN	510-005HN	-	10
1-1/4	520-006HN	510-006HN	-	5
1-1/2	520-007HN	510-007HN	-	5
2	520-008HN	510-008HN	-	4
2-1/2	520-009BC	510-009BC	-	20
3	520-010BC	510-010BC	-	7
4	520-011BC	510-011BC	2	6
6	-	-	-	-



90° Reducing Elbow
150# Malleable Iron Threaded Fittings
FIP x FIP

BULK PART NUMBER

Size	Black	Galvanized	Inner	MC
1/4 X 1/8	520-110	-	60	360
3/8 X 1/4	520-121	-	60	360
1/2 X 1/4	520-131	-	40	240
1/2 X 3/8	520-132	510-132	50	200
3/4 X 1/4	520-141	-	50	150
3/4 X 1/2	520-143	510-143	40	120
1 X 1/2	520-144	510-144	30	90
1 X 3/4	520-154	510-154	25	75
1-1/4 X 1/2	520-163	-	35	70
1-1/4 X 3/4	520-164	510-164	30	60
1-1/4 X 1	520-165	510-165	20	40
1-1/2 X 3/4	520-174	-	15	45
1-1/2 X 1	520-157	510-157	20	40
1-1/2 X 1-1/4	520-176	510-176	15	60
2 X 1/2	520-183	-	15	60
2 X 3/4	520-184	-	15	30
2 X 1	520-185	510-185	14	28
2 X 1-1/4	520-186	510-186	10	40
2 X 1-1/2	520-187	510-187	10	40
2-1/2 X 1-1/4	520-196	-	-	15
2-1/2 X 1-1/2	520-197	-	-	15
2-1/2 X 2	520-198	510-198	5	15
3 X 2	520-118	510-118	-	10
3 X 2-1/2	520-119	-	-	8
4 X 2	520-111	-	-	6

BARCODED PART NUMBER

Size	Black	Galvanized	Inner	MC
1/4 X 1/8	-	-	-	-
3/8 X 1/4	520-121HC	510-121HC	-	25
1/2 X 1/4	520-131HC	-	-	25
1/2 X 3/8	520-132HN	510-132HN	-	10
3/4 X 1/4	520-142HC	-	-	15
3/4 X 1/2	520-143HN	510-143HN	-	10
1 X 1/2	520-144HP	510-144HP	-	10
1 X 3/4	520-154HN	510-154HN	-	5
1-1/4 X 1/2	-	-	-	-
1-1/4 X 3/4	520-164HC	510-164HC	-	8
1-1/4 X 1	520-165HP	510-165HN	-	8 / 5
1-1/2 X 3/4	520-174HC	-	-	10
1-1/2 X 1	520-157HC	510-157HC	-	10
1-1/2 X 1-1/4	520-176HC	510-176HC	-	10
2 X 1/2	-	-	-	-
2 X 3/4	-	-	-	-
2 X 1	520-185HC	510-185HC	-	8
2 X 1-1/4	520-186HC	510-186HC	-	8
2 X 1-1/2	520-187HC	510-187HC	-	8
2-1/2 X 1-1/4	-	-	-	-
2-1/2 X 1-1/2	-	-	-	-
2-1/2 X 2	-	-	-	-
3 X 2	-	-	-	-
3 X 2-1/2	-	-	-	-
4 X 2	-	-	-	-



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.

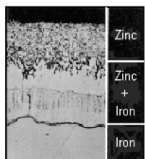
GALVANIZED FINISH

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.

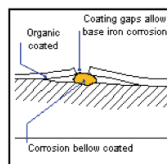
These fittings are manufactured by hot-dip galvanizing according to ASTM A-153. There are several ways to protect iron against rust, but none better than our hot-dip galvanizing process. Hot-dip galvanizing is one of the most efficient, practical and economical ways to protect iron and steel as zinc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

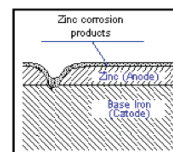


Zinc resists the environment's corrosive actions. Opposite to this, most of the organic coatings (paintings) are environmentally unstable and need to be renewed frequently. When a little failure occurs, corrosion starts and it begins to become larger under the protective coating.



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.