



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





Reducing Coupling 150# Malleable Iron Threaded Fittings

FIP x FIP

BULK PART NUMBER

Size	Black	Galvanized	Inner	MC
1/4 X 1/8	521-310	511-310	25	600
3/8 X 1/8	521-320	511-320	30	360
3/8 X 1/4	521-321	511-321	30	360
1/2 X 1/8	521-330	511-330	50	300
1/2 X 1/4	521-331	511-331	50	300
1/2 X 3/8	521-332	511-332	40	240
3/4 X 1/8	521-340	-	35	210
3/4 X 1/4	521-341	511-341	30	180
3/4 X 3/8	521-342	511-342	30	180
3/4 X 1/2	521-343	511-343	60	180
1 X 1/4	521-351	-	25	200
1 X 3/8	521-352	511-352	40	120
1 X 1/2	521-353	511-353	30	120
1 X 3/4	521-354	511-354	30	120
1-1/4 X 3/8	521-362	-	25	75
1-1/4 X 1/2	521-363	511-363	25	75
1-1/4 X 3/4	521-364	511-364	25	75
1-1/4 X 1	521-365	511-365	25	75
1-1/2 X 3/8	521-372	-	20	120
1-1/2 X 1/2	521-373	511-373	20	60
1-1/2 X 3/4	521-374	511-374	30	60
1-1/2 X 1	521-375	511-375	30	60
1-1/2 X 1-1/4	521-376	511-376	25	50
2 X 1/2	521-383	511-383	21	42
2 X 3/4	521-384	511-384	21	42
2 X 1	521-385	511-385	14	28
2 X 1-1/4	521-386	511-386	14	28
2 X 1-1/2	521-387	511-387	14	28
2-1/2 X 1	521-395	511-395	16	32
2-1/2 X 1-1/4	521-396	511-396	16	32
2-1/2 X 1-1/2	521-397	511-397	16	32
2-1/2 X 2	521-398	511-398	16	32
3 X 3/4	521-304	-	-	24
3 X 1	521-305	511-305	12	24
3 X 1-1/4	521-306	511-306	12	24
3 X 1-1/2	521-307	511-307	12	24
3 X 2	521-308	511-308	-	12
3 X 2-1/2	521-309	511-309	-	12
4 X 1	521-325	-	-	9
4 X 1-1/4	521-326	-	-	9
4 X 1-1/2	521-327	-	-	9
4 X 2	521-328	511-328	-	9
4 X 2-1/2	521-329	511-329	-	9
4 X 3	521-300	511-300	-	7
6 X 3	521-323	-	-	4
6 X 4	521-322	-	-	4

BARCODED PART NUMBER

Size	Black	Galvanized	Inner	MC
1/4 X 1/8	521-310HC	511-310HC	-	25
3/8 X 1/8	521-320HC	511-320HC	-	30
3/8 X 1/4	521-321HC	511-321HC	-	30
1/2 X 1/8	521-330HC	511-330HC	-	30
1/2 X 1/4	521-331HC	511-331HN	-	30 / 10
1/2 X 3/8	521-332HN	511-332HN	-	15
3/4 X 1/8	-	-	-	-
3/4 X 1/4	521-341HC	511-341HC	-	20
3/4 X 3/8	521-342HC	511-342HC	-	20
3/4 X 1/2	521-343HN	511-343HN	-	15
1 X 1/4	-	-	-	-
1 X 3/8	-	511-352HC	-	10
1 X 1/2	521-353HN	511-353HN	-	5
1 X 3/4	521-354HN	511-354HP	-	10 / 5
1-1/4 X 3/8	-	-	-	-
1-1/4 X 1/2	521-363HC	511-363HC	-	5
1-1/4 X 3/4	521-364HN	511-364HC	-	5
1-1/4 X 1	521-365HN	511-365HN	-	5
1-1/2 X 3/8	-	-	-	-
1-1/2 X 1/2	521-373HC	511-373HC	-	4
1-1/2 X 3/4	521-374HN	511-374HN	-	5
1-1/2 X 1	521-375HC	511-375HN	-	4
1-1/2 X 1-1/4	521-376HN	511-376HN	-	5
2 X 1/2	-	511-383HC	-	5
2 X 3/4	-	511-384HC	-	5
2 X 1	521-385HC	511-385HC	-	5
2 X 1-1/4	521-386HN	511-386HN	-	4
2 X 1-1/2	521-387HN	511-387HN	-	5
2-1/2 X 1	521-395BC	511-395BC	16	32
2-1/2 X 1-1/4	521-396BC	511-396BC	16	32
2-1/2 X 1-1/2	521-397BC	511-397BC	16	32
2-1/2 X 2	521-398BC	511-398BC	16	32
3 X 3/4	521-304BC	-	-	24
3 X 1	521-305BC	511-305BC	12	24
3 X 1-1/4	521-306BC	511-306BC	12	24
3 X 1-1/2	521-307BC	511-307BC	12	24
3 X 2	521-308BC	511-308BC	-	12
3 X 2-1/2	521-309BC	511-309BC	-	12
4 X 1	521-325BC	-	-	9
4 X 1-1/4	521-326BC	-	-	9
4 X 1-1/2	521-327BC	-	-	9
4 X 2	521-328BC	511-328BC	-	9
4 X 2-1/2	521-329BC	511-329BC	-	9
4 X 3	521-300BC	511-300BC	-	9
6 X 3	-	-	-	-
6 X 4	-	-	-	-





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.

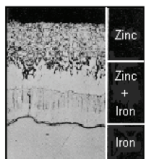
GALVANIZED FINISH

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.

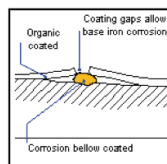
These fittings are manufactured by hot-dip galvanizing according to ASTM A-153. There are several ways to protect iron against rust, but none better than our hot-dip galvanizing process. Hot-dip galvanizing is one of the most efficient, practical and economical ways to protect iron and steel as zinc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

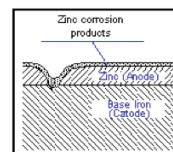


Zinc resists the environment's corrosive actions. Opposite to this, most of the organic coatings (paintings) are environmentally unstable and need to be renewed frequently. When a little failure occurs, corrosion starts and it begins to become larger under the protective coating.



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.