



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



2-Way Reducing Tee
150# Malleable Iron Threaded Fittings
 FIP x FIP

BULK PART NUMBER

Size	Black	Galvanized	Inner	MC
1/2 X 1/4	520-331	-	50	150
1/2 X 3/8	520-322	-	45	135
3/4 X 1/4	520-444	-	50	100
3/4 X 3/8	520-442	-	45	90
3/4 X 1/2	520-743	510-743	45	90
1 X 1/4	520-551	-	25	100
1 X 3/8	520-552	-	20	60
1 X 1/2	520-753	510-753	20	60
1 X 3/4	520-754	510-754	25	50
1-1/4 X 3/8	520-662	-	16	64
1-1/4 X 1/2	520-663	510-663	16	64
1-1/4 X 3/4	520-664	510-664	18	36
1-1/4 X 1	520-765	510-765	16	32
1-1/2 X 3/8	520-772	-	18	36
1-1/2 X 1/2	520-773	510-773	18	36
1-1/2 X 3/4	520-774	510-774	15	30
1-1/2 X 1	520-766	510-775	13	26
1-1/2 X 1-1/4	520-776	510-776	-	23
2 X 1/2	520-783	510-783	10	40
2 X 3/4	520-884	510-884	9	36
2 X 1	520-785	510-785	9	18
2 X 1-1/4	520-886	510-886	8	16
2 X 1-1/2	520-787	510-787	8	16
2-1/2 X 1/2	520-993	-	8	24
2-1/2 X 3/4	520-994	-	10	20
2-1/2 X 1	520-995	-	9	18
2-1/2 X 1-1/4	520-996	-	9	18
2-1/2 X 1-1/2	520-997	-	9	18
2-1/2 X 2	520-998	-	-	10
3 X 3/4	520-934	-	-	9
3 X 1	520-935	-	6	12
3 X 1-1/4	520-936	-	6	12
3 X 1-1/2	520-937	-	6	12
3 X 2	520-338	-	6	12
3 X 2-1/2	520-939	-	-	6
4 X 1	520-945	-	4	8
4 X 1-1/4	520-946	-	4	8
4 X 1-1/2	520-947	-	4	8
4 X 2	520-948	-	4	8
4 X 2-1/2	520-949	-	-	6
4 X 3	520-388	-	-	6

BARCODED PART NUMBER

Size	Black	Galvanized	Inner	MC
1/2 X 1/4	520-331HC	510-331HC	-	15
1/2 X 3/8	520-322HC	510-322HC	-	15
3/4 X 1/4	520-444HC	-	-	45
3/4 X 3/8	520-442HC	-	-	45
3/4 X 1/2	520-743HN	510-743HN	-	10
1 X 1/4	-	-	-	-
1 X 3/8	-	-	-	-
1 X 1/2	520-753HN	510-753HN	-	5
1 X 3/4	520-754HN	510-754HN	-	5
1-1/4 X 3/8	-	-	-	-
1-1/4 X 1/2	520-663HC	-	-	5
1-1/4 X 3/4	520-664HP	510-664HC	-	5
1-1/4 X 1	520-765HC	510-765HN	-	5
1-1/2 X 3/8	-	-	-	-
1-1/2 X 1/2	520-773HC	-	-	4
1-1/2 X 3/4	-	510-774HC	-	15
1-1/2 X 1	520-766HC	510-775HC	-	4
1-1/2 X 1-1/4	520-776HC	510-776HC	-	5
2 X 1/2	-	-	-	-
2 X 3/4	-	-	-	-
2 X 1	520-785HC	510-785HC	-	6
2 X 1-1/4	520-886HP	-	-	5
2 X 1-1/2	520-787HC	510-787HN	-	6 / 5
2-1/2 X 1/2	520-993BC	-	8	24
2-1/2 X 3/4	520-994BC	-	10	20
2-1/2 X 1	520-995BC	-	9	18
2-1/2 X 1-1/4	520-996BC	-	9	18
2-1/2 X 1-1/2	520-997BC	-	-	10
2-1/2 X 2	520-998BC	-	-	10
3 X 3/4	520-934BC	-	-	9
3 X 1	520-935BC	-	6	12
3 X 1-1/4	520-936BC	-	6	12
3 X 1-1/2	520-937BC	-	6	12
3 X 2	520-338BC	-	6	12
3 X 2-1/2	520-939BC	-	-	6
4 X 1	520-945BC	-	4	8
4 X 1-1/4	520-946BC	-	4	8
4 X 1-1/2	520-947BC	-	4	8
4 X 2	520-948BC	-	4	8
4 X 2-1/2	520-949BC	-	3	6
4 X 3	520-388BC	-	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.

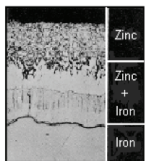
GALVANIZED FINISH

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.

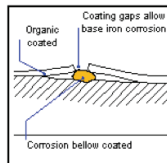
These fittings are manufactured by hot-dip galvanizing according to ASTM A-153. There are several ways to protect iron against rust, but none better than our hot-dip galvanizing process. Hot-dip galvanizing is one of the most efficient, practical and economical ways to protect iron and steel as zinc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

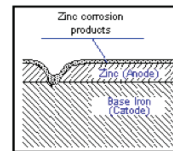


Zinc resists the environment's corrosive actions. Opposite to this, most of the organic coatings (paintings) are environmentally unstable and need to be renewed frequently. When a little failure occurs, corrosion starts and it begins to become larger under the protective coating.



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.

