



Used Car and Truck Parts, Metal Recycling

# Easy Ways to Spot the Difference Between Ferrous and Non-Ferrous Metals

Have you ever asked, "What exactly is the difference between ferrous and non-ferrous materials?" There's a simple answer. And if you're looking to sell scrap metal to recyclers, it helps to know it.

The global metal recycling market is mainly classified as ferrous and non-ferrous metals. The key difference: all ferrous metals contain iron, which makes them magnetic in quality. Non-ferrous metals are not.

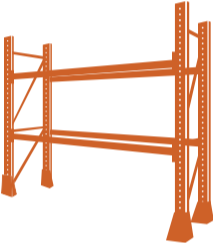





## Ferrous







contain iron which makes them magnetic

## non-Ferrous

contain no iron and don't have a magnetic quality

### metals are

- 01 PALLET RACKING 
- 02 CAST IRON 
- 03 CARBON STEEL 
- 04 WROUGHT IRON 
- 05 STRUCTURAL STEEL 
- 06 DURABLE 

- 01 COPPER 
- 02 LEAD 
- 03 ALUMINUM 
- 04 BRASS 
- 05 SILVER 
- 06 MALLEABLE 

**The challenge:**  
Ferrous metal easily rusts or corrodes

**The challenge:**  
Lighter in weight  
Higher resistance to rust and corrosion

**Why ferrous is important:**  
It is among the most-recycled materials in the world. Nearly 40 percent of the world's steel production is made from scrap.

**Uses:**  
Ideal for wiring and electronic devices

## Things to Know

100% recyclable

Steel is 100 percent recyclable

75% less energy

Recycling steel uses 75 percent less energy compared to creating steel from raw materials

HIGH CONDUCTIVITY and RESISTANCE to CORROSION

Non-ferrous metals are used because they have special properties, including high conductivity and resistance to corrosion

REDUCE ENVIRONMENTAL RISKS

Recycling ferrous metals helps reduce environmental risks posed by discarding these items