



METAL GUIDELINES



ALUMINUM

- Aluminum Cans (can be crushed or not, washed out, we prefer them in clear bags)
- Aluminum Rims and Chrome Aluminum Rims (can have valve stems and wheel weights attached)
- Aluminum Signs (can have tape and paint)
- Aluminum Turnings (produced from lathe and milling machines)
- Aluminum Wire (no insulation and no steel wire in center)
- Aluminum Siding (clean, no screws, plastic, caulk, etc. - new or old)
- Clip Aluminum (new production, non painted, thick or thin sheets that have been machine bent or folded, bar stock, plate, etc.)
- Painted Clip (same as clip with paint)
- Cast Aluminum (produced by casting when made, most fittings are cast, auto cast aluminum, etc - no more than 2% steel)
- Extrusion Aluminum (6061 or 6063, irrigation pipe, door frames, window frames - no caulk, glass, screws, rubber)
- Irony Aluminum (50% iron and 50% aluminum, lawn mower motors, possible lawn chairs, motor parts, etc)
- Slightly Irony Aluminum (10% maximum iron)
- Litho Aluminum (thin sheets used in printing process)
- Sheet Aluminum Radiators (radiators, no plastic, steel or rubber)
- Sheet Aluminum (2% maximum screws, plastic, caulk or rubber - no glass)

BRASS

- Brass Turnings (from new brass produced by lathe or milling machines - no steel contamination)
- Irony Brass (white, contains some iron)
- Red Brass (contains more copper than yellow brass - if filed has pink color inside)
- Yellow Brass (most plumbing fittings, door hardware, kick plates, etc. - if filed has a yellow color inside)

COPPER

- #1 Big Insulated (large insulated copper wire - yields 85% or greater)
- #1 Copper (tubing with no solder or fittings, some insulated wire that is stripped but not shiny, bright sheet copper, non-insulated stripped house wire that is tarnished from weather exposure)
- #1 Insulated (wire with copper #12 gauge up to #1 big but still insulated, solid spaghetti wire used commercially, Romex and most house wiring - yields 65% copper)
- #2 Big Insulated (wire same size as #1 Big Insulated but plated and insulated - yields 80% or more)
- #2 Copper (tubing with solder/paint/oil or fittings, fine brittle copper wire)
- #2 Insulated (#14 gauge and smaller - most phone and communication wire - yields 55%)
- #2 Insulated Copper with Steel Shield (same as #2 Insulated with steel shield)
- #2 Insulated Copper with Steel Wires (same as #2 Insulated with steel wires in inner core or exterior shell.
- #2 Insulated low yield (has several very small individual insulated wires and larger coating - yields 35% to 50%)
- 2&1 Copper (two strands of copper and one strand steel weaved together - no insulation)
- ABX (Aluminum Shield Cable, solid #1 insulated copper inside flexible alum conduit)
- Bare Bright (any shiny copper wire/stripped/not burned - burning is illegal, changes grade, is very bad for environment and can result in heavy fines from the EPA)
- Chiller Copper (copper tubing - threaded on outside, steel ribs with no heavy steel ends)
- Copper Turnings (produced by lathe and milling when cutting copper parts or bars with no steel contaminants)
- Heliax/Hollow (insulated outside coating, copper shell, foam shell, copper shell, hollow center)
- Heliax/Solid (insulated outside coating, copper shell, foam shell, copper shell, foam center)
- Lead Insulated Copper (copper wire insulated with lead cover, not plastic)



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FERROUS

- 1 Busheling (clean new steel left over from production processes, can be galvanized or painted)
- Appliance Tin (whole appliances, any auto parts with foam, insulation, plastic, shreddable)
- Appliance/Unprepared (equal mix of appliance tin and unprepared steel)
- Appliance/Unprepared 3 (1/3 appliance tin and 2/3 unprepared steel)
- Car motors (no fluids)
- Cars (no battery, no fluids, no CFCs or Freon, no tires, no trash or concrete - gas tank must be off car with holes in it - can be in trunk or back seat)
- Cast Iron (cast iron lawn furniture, auto cast iron parts, clean motor blocks with no pistons or crankshafts, bathtubs, sinks, radiators, pipe, etc.)
- Sealed units (compressors, no oil, no Freon)
- Electric Motors (free of attachments)
- GBX (Galvanized Steel flexible conduit with #1 insulated copper wire)
- Plate and Structural (up to 5' long by 18" wide, angle iron, I-Beams, H-Beams, channel, steel plates)
- Prepared steel (less than 3 foot long, 18" wide, can be any thickness)
- Prepared/Cast Iron (equal mix of cast iron and prepared steel)
- Torchable Steel (over 3/8" thick and requires lot of torch labor - can't be sheared)
- Whole Transmissions (no fluids, alum motor blocks)
- Unprepared Steel (more than 3 ft long or 18" wide)
- Unprepared Steel/Cast Iron (equal parts unprepared steel and cast iron)
- Unprepared Steel/Prepared Steel (equal parts unprepared steel and prepared steel)

MISCELLANEOUS

- Auto Batteries (undamaged lead acid)
- Clean CATV (commercial underground cable vision wire)
- Clean Lead (sheet lead or any lead with no steel, plastic or paper)
- Die cast (clean zinc/die cast parts, free of any steel, plastic or paper)
- Heater Coils (brass, copper and solder, no plastic or steel)
- Heliac with Brass Ends (same as Heliac/Hollow or Heliac/Solid with brass fittings on end)
- Insulated CATV (same as CATV with black outside insulation)
- Irony Die cast (same as die cast but with steel contamination)
- Irony CATV (same as CATV but with steel reinforcement wire on outside)
- Irony Lead (wheel weights or lead with steel contamination)
- Low Yield Triplex (heavy insulated, underground, alum and copper mix cable, also called URD or Concentric)
- Refinery (mostly steel mixed with other non-ferrous metals, such as copper, brass, etc.)
- Triplex (insulated aluminum wire or bare aluminum wire with steel reinforcement wire in center)

RADIATORS

- Car Radiators (made of brass and copper and free of steel, iron, plastic or rubber)
- Copper Aluminum (coils from air conditioners that have no steel ends)
- Irony Car Radiators (same as car radiators but with steel, iron, plastic or rubber)
- Irony Copper/Alum (same as copper aluminum but with steel ends)
- Plastic Aluminum Radiators (aluminum coils or radiators that have plastic tanks and some steel)

SPECIALTY

- New Babbitt (63% tin, 37% lead produced in new production)
- Old Babbitt (solder drippings from circuit boards)

STAINLESS

- 304 Stainless (most restaurant equipment, household sinks if all iron is removed, sheets for laser cutting machines, etc.)
- 316 Stainless (has higher content of nickel, mostly pharmaceutical grade)
- Irony Stainless (same as 304 and 316 with steel contamination)
- Stainless Turnings (free of oil, produced by lathes and milling machines)

There are many alloys and high-temperature metals that are not listed here that we can test and price for you if you bring us a small sample.