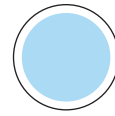


# American-50™

## PLATE AND STRIP



Color Code:  
LIGHT BLUE

A medium range abrasion resistant plate for economy-minded applications, where the cost of initial materials and the reduction of downtime are important factors. Excellent weldability and workability make American-50 well suited to applications requiring quality materials at a significantly reduced cost.

### Features And Advantages

- Excellent weldability
- Economical alternative to high cost AR plate
- Can be rolled and formed with ease
- Can be drilled and flame-cut with ease
- Abrasion resistant

### Typical Mechanical Properties

Tensile strength psi	130,000
Yield point psi	90,000
Elongation in 2"	16%
Brinell hardness	220–260

### Welding

- Use 7016 or 8016 electrodes

### Applications

- Asphalt plug mill liners
- Bucket lips
- Chute liners
- Clam shell bucket lips
- Concrete mixer liners
- Concrete pipe liners
- Conveyor buckets
- Conveyor flights
- Cylinders
- Dredge pipes
- Dust collector pipe sections
- Fan housings
- Flume liners
- Funnels
- Hoppers
- Ore trays
- Pan liners
- Plug mill mixer liners
- Screens
- Skip tub liners
- Skirt plates
- Spades
- Spouts
- Troughs
- Vibrating conveyors

### Available Sizes

#### American-50 Plates

Thickness: 1/8" through 8"

Widths: 48" 60" 72" 84" 96" or burned to your specifications

Lengths: 96" 120" 144" 240" 288" or burned to your specifications

#### American-50 Wear Strips

Thickness: 1/8" 3/16" 1/4" 3/8" 1/2" 5/8" 3/4" 1" 1-1/4" 1-1/2" 1-3/4" 2" 2-1/2"

Thicknesses over 2-1/2" burned to your specifications

Widths: Burned to your specifications

Lengths: Maximum of 24'

### Fabrication & Machining

Forming, rolling, punching, and perforating to your specifications