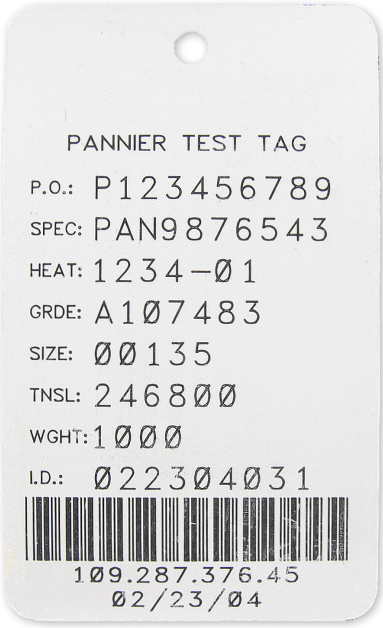
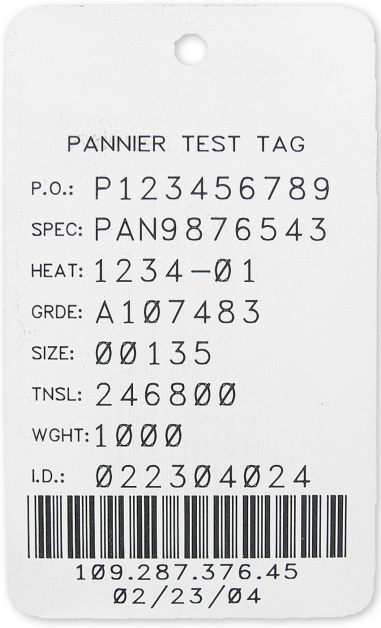
ACID RESISTANT METAL TAGS



Acid Type
15% HCl @ 98°F for 25 minutes
Further Processing
Borax @ 195°F for 2 minutes



Acid Type
13% HCl @ 100°F for 30 minutes
Further Processing
- Zinc Phosphate Coating
- Borax Coating

Pannier's acid resistant, high temperature metal tags (MCL1800A) are the ideal way to track rod and wire throughout the manufacturing process.

The tags shown here were attached to coils of wire at approximately 900°F, then the coils were shipped to processing facilities. During processing, the tags survived multiple pickling and cleaning solutions as well as lubricating agents. Each bar code remained readable – not even scum from the acid baths affected the readability.

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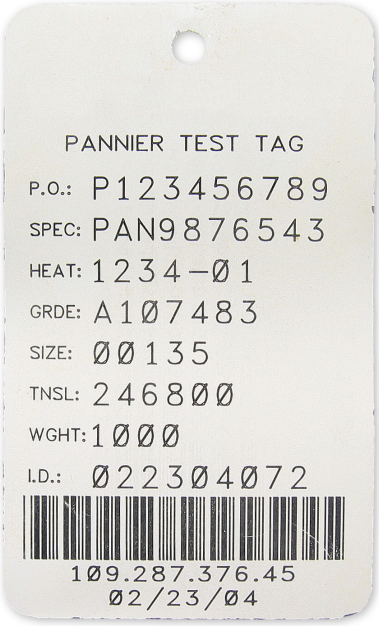
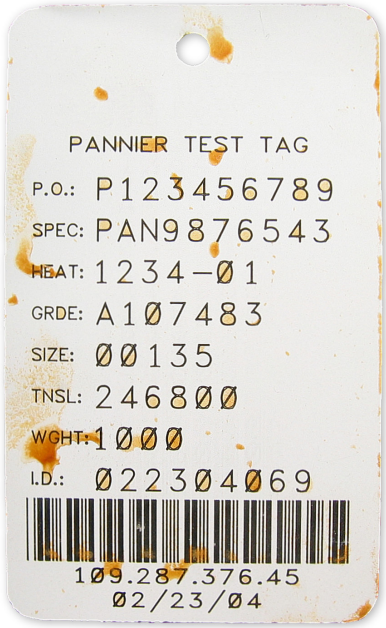
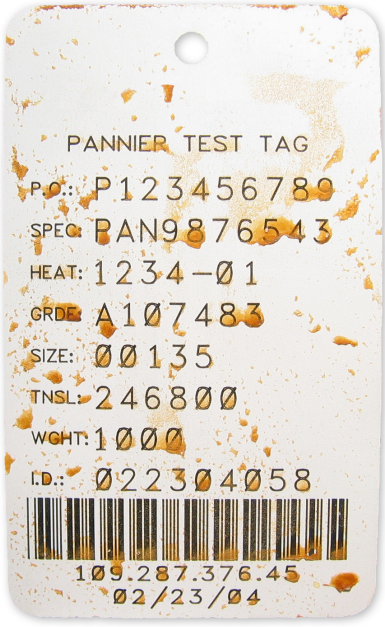
HCl	hydrochloric acid
HF	hydrofluoric acid
HNO_3	nitric acid
H_2SO_4	sulphuric acid
K_2SO_4	potassium sulfate



Acid Type
20% HNO_3 + 2% HF @ 140°F for 1 minute
Further Processing
K_2SO_4 @ 190°F for 10 minutes



Acid Type
20% HCl @ 140°F for 10 minutes
Further Processing
- Zinc Phosphate @ 180°F for 10 seconds
- Borax @ 190°F for 5 minutes
- Dryer @ 250°F for 30 minutes



Acid Type
14% H_2SO_4 @ 140°F for 20 minutes
Further Processing
- Zinc Phosphate @ 180°F for 10 seconds
- Borax @ 190°F for 5 minutes
- Dryer @ 250°F for 30 minutes

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