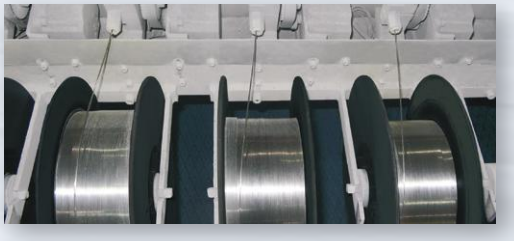
PHIFER

# ALUMINUM WIRE

METALLIZING
INTERMEDIATE
FOOD PACKAGING
FINE WIRE

## METALLIZING WIRE

High purity (99.00% to 99.88%) aluminum wire for metallizing



### VACUUM METALLIZING

- Custom manufactured to specifications
- Cleaned, degreased of all lubricants
- Precision, layer wound spooling
- Extensive spool inventory

### THERMAL SPRAY

- Developed with arc spray equipment suppliers
- Precision or random wound spooling
- High capacity reels or fiberboard drum package options

## INTERMEDIATE WIRE

Intermediate wire diameter range: 032”(.81mm) to .375” (9.5mm) for applications including:

- Rivets, nails and fasteners
- Wire forms
- Hinge pins
- Clips
- Fence ties
- Stranded cables
- Automotive
- Steel deoxidation

## ALUMINUM WIRE CAPABILITIES CHART

### ALUMINUM ALLOYS

Typical stocked alloys include 1100, 1350, 1080, 1188, 1199, 2117, 5005, 5052, 5056, 5154A, 6061, 8176

### DIAMETER RANGE

- Intermediate Wire - .032”(.813mm ) through .375”(9.5mm)
- Fine Wire - .005” (.127mm) through .031” (.80MM)
- Diameters larger than .375˝ (9.5mm) available upon request

(Other alloys, products and packages available upon request)

## FOOD PACKAGING WIRE

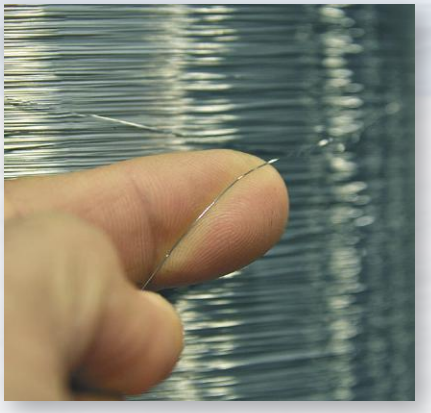
- Produced in compliance with food packaging guidelines
- Spooled, spool-less coils or fiberboard drum packaging
- Chub and clip wire
- Tea bag staple wire

## FINE WIRE

Fine wire diameter range: .005” (.127mm) to .031” (.80mm) for demanding applications including:

- Braiding
- Knitting
- Weaving

NOTE: Wire can be supplied with single or dual ends per spool.



### TEMPER DESIGNATIONS

H (all variations)
0 (fully annealed)
F (as fabricated)

### SURFACE FINISHES

- Mill finish
- Cleaned
- Etched
- Degreased

### PACKAGING*

- Plastic, fiberboard or metal spools
- Steel or wood reels and fiberboard drums
- Large capacity stem carriers, catch weight coils and cut-to-length

* Packages can be returnable or non-returnable – refer to packaging dimensions insert or contact Phifer sales representative for details.

## PHIFER – Your Aluminum Wire Partner for Quality, Service & Dependability

- Short lead times
- Low minimum order quantity
- Metallurgical support
- Experienced exporting capabilities
- Competitive pricing
- Phifer trucking fleet provides reliable delivery

In 1952, J.Reese Phifer, our founder, established Phifer Incorporated as a weaver of aluminum insect screening and began drawing aluminum wire for his insect screen production a few years later. Today, the family owned and operated company has become one of the most diverse suppliers of aluminum wire throughout the world and is the only remaining Made in the U.S.A. manufacturer of aluminum, fiberglass and polyester insect screen for the window and door and hardware/home center markets.

Phifer's weaving expertise has broadened and grown over the years to become a leader in the sun control fabrics, engineered mesh and designed fabrics industries. Our products and workforce reflect the diversity, international versatility and customer service commitment expected in today's marketplace.

PHIFER INCORPORATED

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