

# Technical Information Bulletin

## Molybdenum Spray Wire

OSRAM SYLVANIA is a leading manufacturer of molybdenum spray wire. SYLVANIA brand spray wire is 99.9% pure and provides a good wear surface, strong bond and self lubricating features. It is used for hard surfacing of piston rings and other automotive components, as well as for resurfacing worn parts.

### Standard Process

Process	Description
10	As-drawn wire which retains the black finish from the graphite drawing lubricant.
30	Process 10 wire which has been cleaned.

### Diameters and Properties

Diameter inches (mm)	Tolerance inches (mm)	Coil Weight kgs.	Inside Coil Diameter inches (mm)
0.064 (1.63 mm)	+/-0.0015 (.038 mm)	9 - 25	18 in. (457.2 mm)
0.090 (2.23 mm)	+/-0.0015 (.038 mm)	9 - 25	18 in. (457.2 mm)
0.091 (2.31 mm)	+/-0.0015 (.038 mm)	9 - 25	18 in. (457.2 mm)
0.123 (3.12 mm)	+/-0.002 (.051 mm)	20 - 25	18 in. (457.2 mm)
0.125 (3.18 mm)	+/-0.002 (.051 mm)	20 - 25	18 in. (457.2 mm)

OSI has the ability to monitor the diameter of the wire along the length to hold tight tolerances required to prevent the jamming of feed in the nozzle.

### Order Quantity

Minimum order of 250 kilograms (1 drum)

### Packaging

All coils are labeled or tagged with complete data identifying the wire and secured with four yellow ties. Outer end of the wire is marked with a blue water-soluble paint to distinguish it from the inner end. Process Type 10 coils are packaged in fiber drums with paper separator between each coil - 10 coils per drum. Process Type 30 coils are wrapped in poly bags and packaged in fiber drums. The drum or container label will state the wire diameter, number of coils, gross and net weight.

Material other than standard is available. Deviation from OSI standard material will be considered as requested and priced accordingly.

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