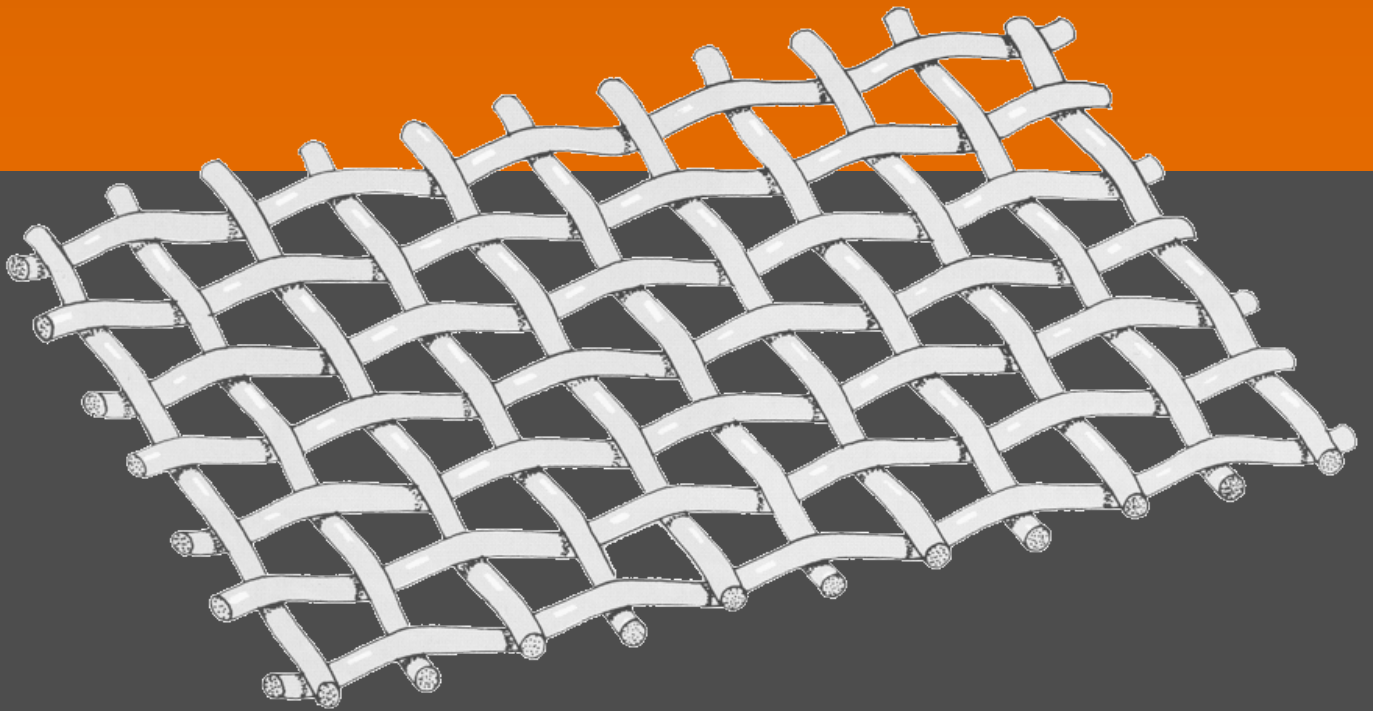




ANOMET PRODUCTS

PLATINUM CLAD MESH ANODES

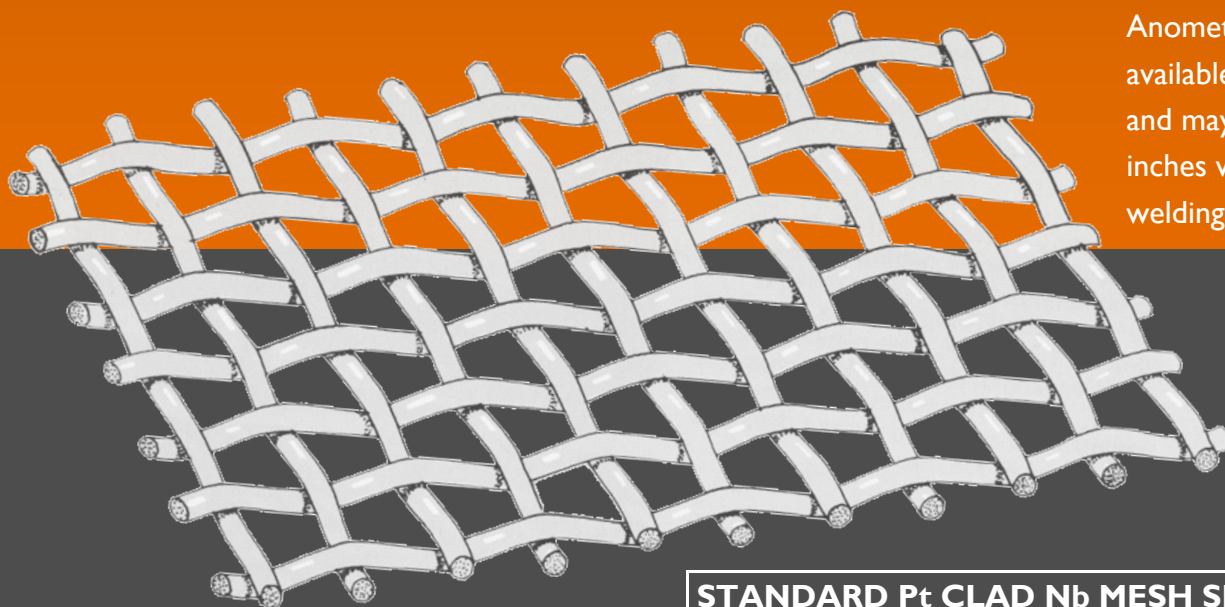


- COMPLETE METALLURGICAL BOND BETWEEN PLATINUM AND NIOBIUM
- USES NIOBIUM AS A SUPERIOR SUBSTRATE MATERIAL
- ACTIVE SURFACE AREA OF 1.25 IN²/IN²
- AVAILABLE IN SINGLE PIECES UP TO 36 INCHES WIDE
- ECONOMICAL COST / HIGH RELIABILITY / LONGER LIFE
- AVAILABLE WITH OR WITHOUT FRAMES
- SAMPLE QUANTITIES AVAILABLE

PLATINUM CLAD MESH ANODES

Platinum clad woven mesh anode materials manufactured by Anomet Products feature a complete metallurgical bond between the platinum and niobium substrate. This material is produced by weaving .020" diameter platinum clad niobium wire in a 10 x 10 mesh pattern (10 wire/ inch in both directions). The standard platinum thickness is 100 microinches; this is equivalent to 125 microinches two sided expanded mesh.

By weaving a clad wire which is completely covered platinum there are no unplatinized edges. The working surface area of Anomet's 10 x 10 woven mesh is 1.25 in²/in². This compares to a 2:1 expanded mesh working area of 1 in²/in². Thus increased surface area means lower operating current densities and longer anode life.



Anomet's woven mesh is available in virtually any size and may be obtained up to 36 inches wide with no joining or welding.

Please contact Anomet for more information and pricing on Platinum Clad Mesh Anodes and other products offered by Anomet Products.



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STANDARD Pt CLAD Nb MESH SPECIFICATIONS

Wire Composition	Platinum Clad Niobium
Wire Diameter	0.020" (0.508 mm)
Platinum Thickness*	100 μ in (2.54 microns)
Mesh Pattern	10 x 10 wires/inch
Active Surface Area	1.25 in ² /in ²
Frames and Tabs	Available on request

SHAPES & SIZES AVAILABLE

Available Shapes	Cut to size
Available Length	Customer specified
Available Width**	Up to 36 inches

* Custom thicknesses available

** Larger widths available by joining or welding

As with all of Anomet's products, excellent service and quick delivery come standard with our woven mesh.