



Quick Wire and Tubing

When you need it fast. Wire and hypodermic tubing overnight.

With a dedicated customer service and manufacturing team and more than one million feet of wire and tubing on hand, Tegra is built for speed. Whether you need materials shipped off the shelf on the same day or require products ground to your unique specifications, our knowledgeable team is ready to assist you.

Sometimes off-the-shelf wire and tubing isn't quite enough. But with some cutting, grinding, or finishing, we can get you exactly what you need. We typically need three to five working days to complete these services to meet your wire and tubing needs.

ABRASIVE CUTTING

The ends are burred and sharp and require additional end treatment operations such as deburring or end rounding. Lead time is typically 1-3 days and standard tolerance is +/- .050 to +/- .030. Our standard cut-off method for three-day custom cut orders is 500 units or less.

ELECTROCHEMICAL CUTTING

Electrochemical cutting uses a specially designed cutting wheel (cathode), electrolyte solution, and electricity to effectively and precisely "cut" through wire and tubing (anode) and provides a square, burr-free cut on wire and tubing. Typical lead time for this precision cut is five working days and standard tolerance is +/- .005 to +/- .010.

PRECISION SHEAR CUTTING

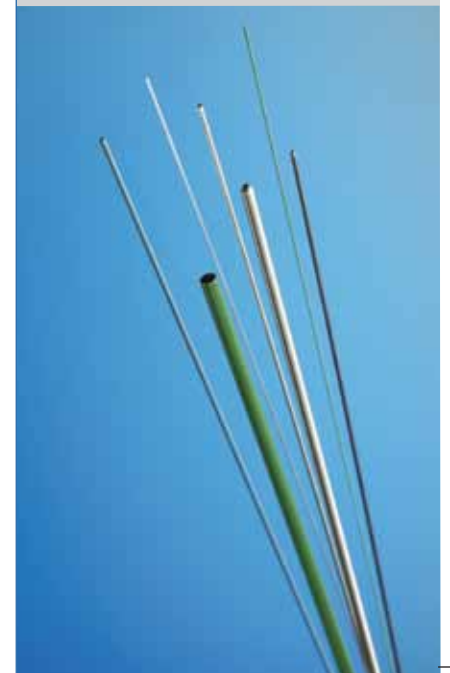
Wire shear cutting uses a pair of bushings to cut spooled material in lengths up to 18 inches with ends square within two degrees. This method of cutting produces a small shear burr of .001" to .002", which can be removed by adding an end treatment. Lead time is usually five working days.

CENTERLESS GRINDING

Tegra Medical offers precision grinding services on all inventory or customer-supplied materials. Standard delivery is three days to two weeks. Lead time is based on quantity and material availability. Standard diameter tolerances are +/- .0002". However, tolerances as tight as +/- .00005" are possible.

END TREATMENTS

Tegra Medical offers three-day service to custom treat material ends. The operations range from a simple break edge to a full radius end.



FINISHING OPERATIONS

Tegra Medical provides a variety of custom finishing requests for Quick Wire and Tubing orders including passivation, ultrasonic cleaning, electropolishing, grit blasting, laser ablation, laser marking and more. Lead time will vary depending on quantities and operations.

CUSTOM MANDRELS

Tegra Medical offers fast turnaround on custom ground mandrels. We will manufacture mandrels to your specifications with features that include steps, tapers and flats.

COATINGS

In addition to our extensive in-stock PTFE and Parylene coated 304SS wires, we offer custom coated wires to your specifications.

QUICK WIRE					
Material	Diameter	Lengths	Temper	Tolerance	Surface
304 SS	.003" - .156"	73" stock	Spring	+/- .0002"	Bright
316 LVM SS	.010" - .040"	73" stock	Spring	+/- .0002"	Bright
Nitinol	.003" - .063"	73" stock & spools	Superelastic	+/- .0003"	Oxide & Ground
PTFE Coated 304 SS	.006" - .125"	68"-73" stock	Spring	+/- .0005"	Green
Parylene Coated 304 SS	.008" - .043"	60" min	Spring	+/- .0005"	Clear/Gray

* Diameter ranges listed above are available in every .001" increment.

QUICK HYPODERMIC TUBING

Available in 304 stainless steel, full hard temper, welded and drawn, bright finish, 6 to 33 gauge including all RW, as well as many TW, XT, XX, Ultra Thin, Heavy, 1/2 gauges and non-standard sizes, in stock, available for same-day shipment. See our website for a current listing of all tubing inventory.

Tegra Medical offers an array of prototyping and manufacturing services with 200,000 sq. ft. of manufacturing in four locations. We use the latest in process controls to give you peace of mind and the highest quality product. Call us to find out how we can help you be more successful.

BOSTON MEMPHIS COSTA RICA

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