



FASTENER WIRE



Intral inc., founded in 1993, is a dynamic company using state of the art technology to manufacture specialty wires which includes **Fastener Wires.**

Intral manufactures fastener wires for several applications including solid rivets, mandrel rivets, apparel rivets, clips, zippers and much more. Fastener wires are available in bright (as drawn or cleaned) finish with a starting diameter of 0.063" (1.60 mm).

Beyond offering the most popular alloys, Intral has an excellent supply capacity. Our access to reliable sources of alloys enable us to deliver our products within a reasonable time and especially provide the quantities you require. At Intral, we give our customers many different choices and a wide range of purchasing options. We roll out what you need!



Intral's product features alloys such as:

Fastener Wire - Chemistry detail per alloy – Composition (%)

Alloy	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Others	Al
1100	0.95		.05 -.20	0.05	--	--	--	0.10	--	0.15	99.00
2017	.20 -.8	0.7	3.5 -4.5	.40 -1.0	.40 -.8	0.10	--	0.25	0.15	0.15	Remainder
2117	0.8	0.7	2.2 -3.0	0.20	.20 -.50	0.10	--	0.25	--	0.15	Remainder
5005	0.30	0.7	0.20	0.20	.50 -1.1	0.10	--	0.25	--	0.15	Remainder
5052	0.25	0.40	0.10	0.10	2.2 -2.8	.15-.35	--	0.10	--	0.15	Remainder
5056	0.30	0.40	0.10	.05 -.20	4.5 -5.6	.05 -.20	--	0.10	--	0.15	Remainder
5154	0.25	0.40	0.10	0.10	3.1 -3.9	.15 -.35	--	0.20	0.20	0.15	Remainder

Our fastener wires are available on steel carriers of different sizes holding up to 1200 pounds of wire. Each and every carrier shows a well-balanced and perfect layering of the wire for a smooth payoff operation.

Temper designation	
O	Annealed. Material in lowest strength condition.
F	As manufactured. As drawn, without thermal treatment or deliberate strain hardening to a specific temper.
H 12, 22, 32 H 14, 24, 34 H 16, 26, 36 H 18, 28, 38	Strain hardened. Material subject to the application of cold work and partial annealing / stabilizing in order to secure specific mechanical properties. The designations are in ascending order of tensile strength.

Intral makes every effort to provide the type of packaging that meets the exacting needs of your production team. Moving from standard to personalized configurations, Intral innovates and offers you more flexibility. We want to make things easier for you. We are creative!

For instance, to give the wire the adequate protection, wire onto carriers can be wrapped with a combination of stretched film and/or Kraft paper and/or cardboard. Furthermore, to protect wire from rubbing against steel during shipping, steel posts of carriers are covered with plastic. Finally, to insure full traceability of the wire up to the mother rod coil, a durable and customized ID tag is affixed to each carrier

At Intral, you'll be served from end to end

INTRAL INC. 135 Carignan Boul. West, Princeville (Quebec) Canada G6L4M3

Phone: (819) 364-7551 • Fax: (819) 364-7425 E-mail Sales administration: info@intralqc.com www.intralqc.com
Intral Inc. hold a **ISO 9001:2008** certificate

