



Umicore's Ready-Stock™ wire products are designed to meet the needs of both the high volume factory and the small volume bench jeweller. They are shipped in a half-hard state allowing you to use them "as-is" or anneal them for a softer temper. Providing optimum ductility and strength as well as superior performance, Ready-Stock™ wire products are made to exact dimensions and are drawn through dedicated precision finishing dies. They offer the finest quality and the best surface finish with tight tolerance controls, and come in a wide range of sizes. Thanks to our same-day delivery service, Ready-Stock™ wire is ideal for "just-in-time" fabrication, repair and sizing, and ensures your creations not only start off perfect but also finish that way.

## Round Wire

Our processing ensures consistency of chemistry and mechanical properties along the length of wire or sheet. Our multi-die in-line drawing equipment applies the best reduction schedules interspaced with precise annealing processes. The end result is consistent physical properties for the temper ordered as well as exceptional cleanliness for the best wire quality available. See our Technical Tips section for more details.

**NOTE:** All Ready-Stock™ round wire up to 2 mm in diameter is available coiled. Thicker diameters are stocked in 30 cm/12" straight lengths. Minimums may apply. Annealing is available at extra charge.

### GOLD ROUND WIRE

DIAMETER (mm/in.)	SHAPE/ SIZE	B & S GAUGE	10KY	10KW	14KY	14KW	14KW-Pd	18KY	18KW
0.25 / 0.010	•	30	●	●	●	●	•	•	●
0.3 / 0.012	•	29	•	•	●	●	•	•	•
0.4 / 0.016	•	26	•	•	•	•	•	●	•
0.5 / 0.020	•	24	●	•	●	●	•	●	•
0.65 / 0.026	•		●	•	●	•	•	•	•
0.75 / 0.030	•		●	●	●	●	•	●	•
0.8 / 0.031	•	20	●	•	●	●	•	•	•
0.9 / 0.035	•		●	•	•	•	•	•	•
1 / 0.039	•	18	●	●	●	●	●	●	●
1.3 / 0.051	•		●	•	●	•	•	•	•
1.5 / 0.059	•		●	•	●	●	•	●	●
2 / 0.079	●	12	●	●	●	●	•	●	•

● Available in 1 - 2 business days (minimums apply)

• Available in 6 - 7 business days (minimums apply)

Other Custom Sizes Available. Please contact our Customer Service Department for all other sizes and delivery time.

## SILVER ROUND WIRE

DIAMETER (mm/in.)	SHAPE / SIZE	B & S GAUGE	STERLING SILVER
0.25 / 0.010	•	30	●
0.30 / 0.012	•	29	●
0.32 / 0.013	•	28	●
0.35 / 0.014	•	27	●
0.4 / 0.016	•	26	●
0.5 / 0.020	•	24	●
0.57 / 0.022	•	23	●
0.6 / 0.024	•		●
0.65 / 0.026	•	22	●
0.7 / 0.028	•		●
0.72 / 0.028	•	21	●
0.75 / 0.030	•		●
0.8 / 0.031	•	20	●
0.85 / 0.033	•		●
0.9 / 0.035	•	19	●
1 / 0.039	•	18	●
1.1 / 0.043	•		●
1.15 / 0.045	•	17	●
1.25 / 0.049	•		●
1.3 / 0.051	•	16	●
1.4 / 0.055	•		●
1.5 / 0.059	•		●
1.6 / 0.063	•		●
1.65 / 0.065	•	14	●
1.75 / 0.069	•		●
2 / 0.079	●	12	●
2.3 / 0.091	●	11	●
2.5 / 0.098	●		●
2.6 / 0.102	●	10	●
3 / 0.118	●		●
3.25 / 0.128	●	8	●
3.5 / 0.138	●		●
4 / 0.157	●		●

● Available in 1 - 2 business days (minimums apply)

Other Custom Sizes Available. Please contact our Customer Service Department for all other sizes and delivery time.

## 19KW GOLD ROUND WIRE

DIAMETER (mm/in.)	B & S GAUGE	19KW
1 / 0.039	18	●
1.5 / 0.059		●
2 / 0.079	12	●

● Available in 1 - 2 business days (minimums apply)

## ANTI-TARNISH SILVER ROUND WIRE

DIAMETER (mm/in.)	B & S GAUGE	Anti-Tarnish Silver
0.75 / 0.030		●
0.8 / 0.031	20	●
1 / 0.039	18	●
1.25 / 0.049		●
1.5 / 0.059		●
2 / 0.079	12	●

● Available in 1 - 2 business days (minimums apply)

Other Custom Sizes Available. Please contact our Customer Service Department for all other sizes and delivery time.

## FINE SILVER ROUND WIRE

DIAMETER (mm/in.)	B & S GAUGE	FS
1.6 / 0.063		●

● Available in 1 - 2 business days (minimums apply)

Other Custom Sizes Available. Please contact our Customer Service Department for all other sizes and delivery time.

## PLATINUM ROUND WIRE 90/10IR






















DIAMETER (mm/in.)	B & S GAUGE	90W
0.25 / 0.010	30	●
0.5 / 0.020	24	●
1.0 / 0.039	18	●
2 / 0.079	12	●

● Available in 1 - 2 business days (minimums apply)

Other Custom Sizes Available. Please contact our Customer Service Department for all other sizes and delivery time.

## Half-Round Wire































































Half-Round Wire is primarily used to size “tiffany-shaped” rings that cannot be sized up by stretching. Stretching of up to one full finger size is possible with seamless wedding bands but not with bands made from wire. Umicore’s half-round wire exhibits a full tiffany shape with minimal flat-side on its edge. This wire configuration is more difficult to shape but the end result is worth the effort, as it matches the shape of the ring more closely. Both you and your customer will appreciate the difference! Wire is available in 12 inch straight lengths; coils are available through custom order. See the Technical Tips section of this catalogue for more details.



SILVER HALF ROUND WIRE		
DIMENSIONS (height x width) (mm / in.)	SHAPE / SIZE	Sterling Silver
0.50 x 1.0 / 0.020 x 0.039	-	
0.75 X 1.5 / 0.030 x 0.059	-	
1.0 X 1.5 / 0.039 x 0.059	-	
1.0 X 2.0 / 0.039 x 0.079	-	
1.0 X 2.5 / 0.039 x 0.098	-	
1.0 X 4.0 / 0.039 x 0.157	-	
1.0 X 5.0 / 0.039 x 0.197	-	
1.5 X 2.0 / 0.059 x 0.079	-	
1.5 X 2.5 / 0.059 x 0.098	-	
1.5 X 3.0 / 0.059 x 0.118	-	
1.5 X 3.5 / 0.059 x 0.138	-	
1.5 X 4.0 / 0.059 x 0.157	-	
1.5 X 5.0 / 0.059 x 0.197	-	
1.5 X 6.0 / 0.059 x 0.236	-	
1.5 X 7.0 / 0.059 x 0.276	-	
2.0 X 3.0 / 0.079 x 0.118	-	
2.0 X 4.0 / 0.079 x 0.157	-	
2.0 X 5.0 / 0.079 x 0.197	-	
2.0 X 6.0 / 0.079 x 0.236	-	
2.0 X 8.0 / 0.079 x 0.315	-	
 Available in 1 - 2 business days (minimums apply)		
Other Custom Sizes Available. Please contact our Customer Service Department for all other sizes and delivery time.		

## Rectangular (Flat) Wire

Rectangular wire dies are a true test of any diemaker's ability. Ready-Stock™ rectangular wire features parallel sides and corners with the smallest radius, allowing you to achieve a balance between something that is “too sharp to handle” and something that is “too rounded to use”. Another obstacle that we have to overcome is the tendency of rectangular wire to twist or “helix” during production. With Umicore, you are assured flat wire with minimal helixing and the quality finish you expect. Wire is available in 12 inch straight lengths; coils are available through custom order.

See the Technical Tips section of this catalogue for more details.

GOLD RECTANGULAR WIRE							
DIMENSIONS (height x width) (mm / in.)	SHAPE / SIZE	10KY	10KW	14KY	14KW	18KY	18KW
1.0 X 2.0 / 0.039 x 0.079			•	•	•	•	•
1.0 X 2.5 / 0.039 x 0.098			•	•	•	•	•
1.0 X 3.0 / 0.039 x 0.118			•		•	•	•
1.0 X 4.0 / 0.039 x 0.157			•	•	•	•	•
1.0 X 4.5 / 0.039 x 0.177			•	•	•	•	•
1.0 X 5.0 / 0.039 x 0.197			•	•	•	•	•
1.0 X 6.0 / 0.039 x 0.236			•	•	•	•	•
1.5 X 2.0 / 0.059 x 0.079						•	•
1.5 X 2.5 / 0.059 x 0.098				•	•	•	•
1.5 X 3.0 / 0.059 x 0.118						•	
1.5 X 4.0 / 0.059 x 0.157							
1.5 X 5.0 / 0.059 x 0.197						•	•
1.5 X 6.0 / 0.059 x 0.236					•	•	•
2.0 X 3.0 / 0.079 x 0.118			•			•	•
2.0 X 4.0 / 0.079 x 0.157			•		•	•	•
2.0 X 5.0 / 0.079 x 0.197			•			•	•
2.0 X 6.0 / 0.079 x 0.236			•				

 Available in 1 - 2 business days (minimums apply)
 •
 Available in 6 - 7 business days (minimums apply)

Other Custom Sizes Available. Please contact our Customer Service Department for all other sizes and delivery time.

## SILVER RECTANGULAR WIRE

DIMENSIONS (height x width) (mm / in.)	SHAPE / SIZE	Sterling Silver
1.0 x 2.0 / 0.039 x 0.079	■	■■
1.0 x 2.5 / 0.039 x 0.098	■	■■
1.0 x 3.0 / 0.039 x 0.118	■	■■
1.0 x 4.0 / 0.039 x 0.157	■■	■■
1.0 x 4.5 / 0.039 x 0.177	■■	■■
1.0 x 5.0 / 0.039 x 0.197	■■	■■
1.0 x 6.0 / 0.039 x 0.236	■■■	■■
1.0 x 7.0 / 0.039 x 0.276	■■■	■■
1.0 x 8.0 / 0.039 x 0.315	■■■■	■■
1.5 x 2.0 / 0.059 x 0.079	■	■■
1.5 x 2.5 / 0.059 x 0.098	■	■■
1.5 x 3.0 / 0.059 x 0.118	■	■■
1.5 x 3.5 / 0.059 x 0.138	■	■■
1.5 x 4.0 / 0.059 x 0.157	■	■■
1.5 x 5.0 / 0.059 x 0.197	■■	■■
1.5 x 6.0 / 0.059 x 0.236	■■■	■■
2.0 x 3.0 / 0.079 x 0.118	■	■■
2.0 x 3.5 / 0.079 x 0.138	■	■■
2.0 x 4.0 / 0.079 x 0.157	■	■■
2.0 x 4.5 / 0.079 x 0.177	■	■■
2.0 x 5.0 / 0.079 x 0.197	■	■■
2.0 x 6.0 / 0.079 x 0.236	■■	■■
2.0 x 8.0 / 0.079 x 0.315	■■■	■■
2.5 x 4.0 / 0.098 x 0.157	■	■■
2.5 x 6.0 / 0.098 x 0.236	■■	■■



































■■■ Available in 1 - 2 business days (minimums apply)


Other Custom Sizes Available. Please contact our Customer Service Department for all other sizes and delivery time.

# Square Wire
















Umicore's Ready-Stock™ square wire exhibits the perfect balance between crisp 90° corners and corners with just enough relief to prevent breakage. This quality allows you to start your creations with the sharpness you need and the ability to soften them as desired. Wire is available in 12 inch straight lengths; coils are available through custom order. Please note our 19K white is only available in soft temper.


See the Technical Tips section of this catalogue for more details.

GOLD SQUARE WIRE									
DIAMETER (mm/in.)	SHAPE / SIZE	10KY	10KW	14KY	14KW	14KD	18KY	18KW	18KW-Pd
1.5 / 0.059		•	•		•	•	•	•	•
2 / 0.079						•			•
3 / 0.118						•			
4 / 0.157									
5 / 0.197		•	•		•	•	•		•
6 / 0.236			•			•	•	•	





 Available in 1 - 2 business days (minimums apply)      • Available in 6 - 7 business days (minimums apply)


Other Custom Sizes Available. Please contact our Customer Service Department for all other sizes and delivery time.

SILVER SQUARE WIRE		
DIAMETER (mm/in.)	SHAPE / SIZE	Sterling Silver
0.75 / 0.030	•	
1 / 0.039	•	
1.25 / 0.049	•	
1.5 / 0.059	•	
1.75 / 0.069	•	
2 / 0.079	•	
2.5 / 0.098	•	
2.75 / 0.108	•	
3 / 0.118	•	
4 / 0.157		
5 / 0.197		
6 / 0.236		





 Available in 1 - 2 business days (minimums apply)


Other Custom Sizes Available. Please contact our Customer Service Department

19KW GOLD SQUARE WIRE			
DIAMETER (mm/in.)	SHAPE / SIZE	B & S GAUGE	19KW
3 / 0.118			
4 / 1.157			

 Available in 1 - 2 business days (minimums apply)

Other Custom Sizes Available. Please contact our Customer Service Department








PLATINUM SQUARE WIRE 90/10IR			
DIAMETER (mm/in.)	SHAPE / SIZE	B & S GAUGE	90W
2 / 0.079	•	12	
3 / 0.118	•		
4 / 1.157			








 Available in 1 - 2 business days (minimums apply)








Other Custom Sizes Available. Please contact our Customer Service Department

Umicore's standard nickel white alloys are all Grade 1 on the World Gold Council whiteness index. Specifically for square wires Umicore also carries other nickel white alloys that exhibit a superior ease of working and are especially well suited for traditional metal working techniques. These alloys are Grade 2 on the whiteness index. They are available by custom order. Please contact us for your requirements.

# 14k Red Gold Wire Products

14K RED SQUARE WIRE		
DIAMETER (mm/in.)	SHAPE / SIZE	14KR
1.5 / 0.059		
3 / 0.118		
4 / 0.157		
 Available in 1 - 2 business days (minimums)		
Other Custom Sizes Available. Please contact our Customer Service Department for all other sizes and delivery time.		

14K RED ROUND WIRE			
DIAMETER (mm/in.)	SHAPE / SIZE	B & S GAUGE	14KR
1 / 0.039		18	
1.5 / 0.059			
2 / 0.079		12	
 Available in 1 - 2 business days (minimums apply)			
Other Custom Sizes Available. Please contact our Customer Service Department for all other sizes and delivery time.			

14K RED RECTANGULAR WIRE		
DIMENSIONS (height x width) (mm / in.)	SHAPE / SIZE	14KR
2.0 x 4.0 / 0.079 x 0.157		
2.0 x 6.0 / 0.079 x 0.236		
2.0 x 7.0 / 0.079 x 0.276		
 Available in 1 - 2 business days (minimums apply)		
Other Custom Sizes Available. Please contact our Customer Service Department for all other sizes and delivery time.		

# 14K Red Wire