



We Deliver Precision®

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Stainless Steel Flat & Round Braid Wire

CAPABILITY SHEET

BASE MATERIAL

Primary	Custom Alloys		
304V Stainless Steel	304L Nitinol	316 MP35N	316L L605

ASPECT RATIO

MINIMUM THICKNESS

2:1 @ 0.0010" [inch]

MAXIMUM THICKNESS

10:1 @ 0.0025" [inch]

Dimensions & Size Tolerances *(Standard tolerances - please ask for your custom requirement)*

FLAT WIRE

	NOMINAL VALUE		TOLERANCE	
	Minimum	Maximum	Minimum	Maximum
THICKNESS	0.0002" [inch]	0.0060" [inch]	+/- 0.0001" [inch]	+/- 0.0006" [inch]
WIDTH	0.0020" [inch]	0.0200" [inch]	+/- 0.0002" [inch]	+/- 0.0020" [inch]

ROUND WIRE

	NOMINAL VALUE		TOLERANCE	
	Minimum	Maximum		
DIAMETER	0.0007" [inch]	0.0100" [inch]	0.0030" and under	+/- 0.00005" [inch]
			0.0031" to 0.0050"	+/- 0.00007" [inch]
			0.0051" and above	+/- 0.0001" [inch]

ULBRICH SPECIALTY WIRE PRODUCTS

692 Plant Road
Westminster, SC 29693

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ULBRICH STAINLESS STEEL FLAT & ROUND BRAID WIRE CAPABILITY SHEET



TEMPER (304V)

TENSILE RANGE

Spring Temper	300,000 [psi] - 355,000 [psi]
3/4 Hard	250,000 [psi] - 300,000 [psi]
1/2 Hard	200,000 [psi] - 250,000 [psi]
1/4 Hard	150,000 [psi] - 200,000 [psi]
Annealed	100,000 [psi] - 150,000 [psi]
Custom Tempers	Available on Request

Packaging *(Our machinery can adapt to most custom spools upon request)*

SPOOL TYPE

DIMENSIONS

30mm Steeger	1.57" flange x 1.40" width x 1.18" barrel x 0.42" bore
26mm Steeger	1.69" flange x 1.40" width x 1.02" barrel x 0.42" bore
15mm Steeger	1.57" flange x 1.40" width x 0.59" barrel x 0.42" bore
Wardwell	2.60" flange x 3.25" width x 0.74" barrel x 0.657" bore
NEB	1.32" flange x 3.95" width x 1.37" barrel x 0.33" bore
DIN 100	3.94" flange x 2.52" width x 2.48" barrel x 0.63" bore
DIN 125	4.92" flange x 4.92" width x 3.15" barrel x 0.63" bore
Bulk Spools	Various

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