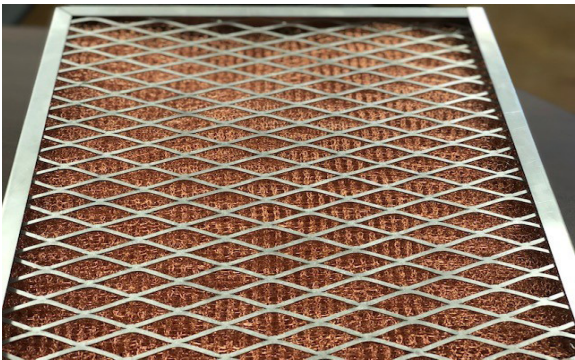


CWI Tech-Mesh™ mesh pads, filters, and bulk knitted wire mesh are all manufactured at our Houston, Texas location. These products are made using only the highest quality stainless steel and specialty alloy materials sourced from other CWI locations across the United States. Because all of our core products are produced in-house, we can offer full support when selecting the ideal wire grade for your specific application or industry. We will always work to meet your requirements so you do not have to settle for a predetermined specification. Not sure which nickel, stainless, or copper mesh material will work best for you? Learn all about our standard and specialty alloy knitted wire mesh below.



*All elements maximum limits unless otherwise stated

Stainless Steel Alloys

Alloy	UNS	C	Mn	P	S	Si	Cr	Ni	Mo	Cb	Ti
304	S30400	0.08	2.00	0.045	0.030	1.00	18.00 - 20.00	8.00 - 10.50			
304L	S30403	0.03	2.00	0.045	0.030	1.00	18.00 - 20.00	8.00 - 12.00			
316	S31600	0.08	2.00	0.045	0.030	1.00	16.00 - 18.00	10.00 - 14.00	2.00 - 3.00		
316L	S31603	0.030	2.00	0.045	0.030	1.00	16.00 - 18.00	10.00 - 14.00	2.00 - 3.00		
317L	S31703	0.03	2.00	0.045	0.030	1.00	18.00 - 20.00	11.00 - 15.00	3.0-4.0%		
321	S32100	0.08	2.00	0.045	0.030	1.00	17.00 - 19.00	9.00 - 12.00			5xC Min.
347	S34700	0.08	2.00	0.045	0.030	1.00	17.00 - 19.00	9.00 - 13.00		10xC Min.	

Specialty Alloys

Alloy	UNS	C	Mn	P	S	Si	Cr	Ni	Mo	N	Cb	V	Cu	Fe	Al	Ti	Additional Elements
Alloy 20	N08020	0.07	2.00	0.045	0.035	1.00	19.00 - 21.00	32.00 - 38.00	2.00 - 3.00		8xC - 1.00		3.00 - 4.00	Rem.			
2205	S32205	0.030	2.00	0.030	0.020	1.00	22.0 - 23.0	4.50 - 6.50	3.00 - 3.50	0.14 - 0.20							
400	N04400	0.3	2.00		0.024	0.50		63.00 - 70.00					Rem.	2.50			
600	N06600	0.15	1.00		0.015	0.50	14.00 - 17.00	72.0 Min.					0.50	6.00 - 10.00			
601	N06601	0.1	1.0		0.015	0.50	21.0 - 25.0	58.0 - 63.0					1.0	Rem.	1.0 - 1.7		
625	N06625	0.10	0.50	0.015	0.015	0.50	20.0 - 23.0	Rem.	8.0 - 10.0		3.15 - 4.15			5.0	0.40	0.40	
718	N07718	0.08	0.35	0.015	0.015	0.35	17.0 - 21.0	50.0 - 55.0	2.80 - 3.30		4.75 - 5.50		0.30	Rem.	0.20 - 0.80	0.65 - 1.15	B: 0.006 Max, Co: 1.00 Max
825	N08825	0.05	1.0	0.03	0.03	0.5	19.5 - 23.5	38.0 - 46.0	2.5 - 3.5				1.5 - 3.0	Rem.	0.2	0.6 - 1.2	
C276	N10276	0.02	1.0	0.030	0.030	0.08	14.5 - 16.5	Rem.	15.0 - 17.0			0.35		4.0 - 7.0			Co: 2.5 Max, W: 3.0 - 4.5
Ni 200	N02200	0.15	0.35		0.010	0.35		99.0 Min.					0.25	0.40			

Copper Alloys

Alloy	UNS	Cu	Pb	Zn	Fe	P	Ag	As	O ₂	Sb	Te
C101	C10100	99.99 (Min)	0.0005	0.0001	0.0010	0.0003	0.0005	0.0005	0.0005	0.0004	0.0002
C102	C10200	99.95 (Min)							0.0010		
C110	C11000	99.90 (Min)									

