



Hebei Maishi Wire Mesh Manufacture Group.

AISI	DIN	Weight Multiplier	Temp C	Temp F	Acids	Alkalis	Chlorides	Organic Solvents	Water
Plain Steel	1.0010	1.0000	350	662	-	+	-	0	-
AISI 304	1.4301	1.0098	300	572	+/-	+	-	+	+/-
AISI 304L	1.4306	1.0098	350	662	+/-	+	-	+	+/-
AISI 316	1.4401	1.0098	300	572	+/-	+	-	+	+/-
AISI 316L	1.4404	1.0098	400	752	+/-	+	-	+	+/-
AISI 310/314	1.4841	1.0098	1150	2102	0	+	-	+	0/-
AISI 321	1.4541	1.0098	400	752	+/-	+	-	+	+/-
AISI 430	1.4016	0.9846	300	572	+/-	+	-	0	0/-
AISI 904	1.4539	1.0357	300	572	+	+	+	+	+
Fecral	1.4742	0.9423	1050	1922	0/-	0	-	+	-
Incoloy DS®	1.4864	1.0089	850	1562	0	+	+	+	+
Incoloy 825®	2.4858	1.0318	540	1004	0	+	+	+	+
Inconel 600®	2.4816	1.0892	1150	2102	+	0	0	+	0
Inconel 625®	2.4856	1.0750	1050	1922	+	0	0	0	*
Monel 400	2.4360	1.1260	350	662	0	0	-	0	+
Nickel 200	2.4066	1.1330	250	482	*	*	+		
Hast alloy C276®	2.4819	1.1413	700	1292	*	*	*	*	*
Brass 63/37	2.0321	1.1051	200	392	-	0	-	0	-
Brass 80/20	2.0250	1.1339	200	392	-	+	-	+	*
Bronze 94/6	2.1020	1.1309	250	482	-	0	-	+	0
Copper	2.0060	1.1335	100	212	0	0	-	+	0
Aluminium (5056A)	3.3550	0.3417	180	356	*	-	-	+	-

HEBEI MAISHI WIRE MESH MANUFACTURE GROUP.

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		C ≤	Si ≤	Mn ≤	P ≤	S ≤	Ni	Cr	Mo	Ti	N
Austenitic Type											
0Cr18Ni9	GB	0.07	1.00	2.00	0.035	0.03	8.00-11.00	17.00-19.00			
304	JIS	0.08	1.00	2.00	0.045	0.030	8.00-10.50	18.00-20.00			≤0.10
304	AISI	0.08	0.75	2.00	0.045	0.030	8.00-10.50	18.00-20.50			
00Cr19Ni10	GB	0.03	1.00	2.00	0.035	0.03	8.00-12.00	18.00-20.00			
304L	JIS	0.030	1.00	2.00	0.045	0.030	9.00-13.00	18.00-20.00			≤0.10
304L	AISI	0.030	0.75	2.00	0.045	0.030	8.00-12.00	18.00-20.00			
0Cr17Ni12Mo2	GB	0.08	1.00	2.00	0.035	0.03	10.00-14.00	16.00-18.50	2.00-3.00		
316	JIS	0.08	1.00	2.00	0.045	0.030	10.00-14.00	16.00-18.00	2.00-3.00		≤0.10
316	AISI	0.08	0.75	2.00	0.045	0.030	10.00-14.00	16.00-18.00	2.00-3.00		
00Cr17Ni14Mo2	GB	0.03	1.00	2.00	0.035	0.03	12.00-15.00	16.00-18.00	2.00-3.00		
316L	JIS	0.030	1.00	2.00	0.045	0.030	12.00-15.00	16.00-18.00	2.00-3.00		≤0.10
316L	AISI	0.030	0.75	2.00	0.045	0.030	10.00-14.00	16.00-18.00	2.00-3.00		
0Cr18Ni10Ti	GB	0.08	1.00	2.00	0.035	0.03	9.00-12.00	17.00-19.00		≥5xC%	
321	JIS	0.08	1.00	2.00	0.045	0.030	9.00-13.00	17.00-19.00		≥5xC%	≤0.10
321	AISI	0.08	0.75	2.00	0.045	0.030	9.00-12.00	17.00-19.00		5x(C+N)% Max0.70	
Austenitic-Ferritic Type											
UNSS31803	ASTM	0.030	1.00	2.00	0.030	0.020	4.50-6.50	21.00-23.00	2.50-3.50		0.08-0.20
Avesta2205		0.030	1.00	2.00	0.030	0.020	4.50-6.50	21.00-23.00	2.50-3.50		0.08

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