

Conveyor Belt Material Chart

Our team is dedicated to providing customers with the highest quality conveyor belt materials for their operations. We work with our trusted suppliers in a continuing effort to develop new conveyor belt material types and refine the chemical composition of alloys.

Designation	Chromium	Nickel	Iron	Carbon	Silicon	Manganese	Other Elements	Max. Oper. Temp.	Weight Factor to Steel
C-1017			Bal.	.15-.20	.15-.30	.30-.60		1050	1
C-1040			Bal.	.37-.44	.15-.30	.60-.90		1050	1
C-1055			Bal.	.50-.60	.15-.30	.60-.90		1050	1
1% Chrome	1.10-1.50		Bal.	.07-.15	.50-1.00	.30-.60		1200	1
3% Chrome	2.75-3.25		Bal.	.15 Max.	1.00-1.40	.50 Max.		1300	1
Type 410	11.50-13.50		Bal.	.15 Max.	1.00 Max.	1.00 Max.		1400	0.982
Type 430	14.00-18.00		Bal.	.12 Max.	1.00 Max.	1.00 Max.		1400	0.982
Type 304	18.00-20.00	8.00-12.00	Bal.	.08 Max.	1.00 Max.	2.00 Max.		1600	1.014
Type 316	16.00-18.00	10.00-14.00	Bal.	.08 Max.	1.00 Max.	2.00 Max.	Mo 2.00-3.00	1600	1.018
Type 316L	16.00-18.00	10.00-14.00	Bal.	.03 Max.	1.00 Max.	2.00 Max.	Mo 2.00-3.00	1600	1.018
Type 321	17.00-19.00	9.00-12.00	Bal.	.08 Max.	1.00 Max.	2.00 Max.	Ti 5 x C Min.	1600	1.025
Type 309	22.00-24.00	12.00-15.00	Bal.	.20 Max.	1.00 Max.	2.00 Max.		1700	1.018
Type 310	24.00-26.00	19.00-22.00	Bal.	.25 Max.	1.00 Max.	2.00 Max.		2000	1.018
Type 314	23.00-26.00	19.00-22.00	Bal.	.25 Max.	1.50-3.00	2.00 Max.		2100	0.986
35-19	19.00-22.00	34.00-37.00	Bal.	.15 Max.	1.00-3.00	1.00 Max.		2100	1.014
35-19 CB	19.00-22.00	34.00-37.00	Bal.	.15 Max.	1.00-3.00	1.00 Max.	Cb .75-1.50	2100	1.014
35-19 CB (Refined Chem.)	19.00-22.00	34.00-37.00	Bal.	.15 Max.	1.00-3.00	1.00 Max.	Proprietary	2100	1.014
Inconel 803	25.00-29.00	32.00-37.00	Bal.	.06-1.0	1.0 Max.	1.5 Max.	AL .15-.60	2150	1.014
Inconel 600	14.00-17.00	72.00 Min.	6.00-10.00	.15 Max.	.50 Max.	1.00 Max.	Cu .50 Max.	2100	1.074
Inconel 601	23.0 Nom.	60.5 Min.	14.1 Max.	.05 Max.	.25 Max.	.50 Max.	Cu .25 Max. AL 1.00-1.70	2100	1.074
Inconel 601 GC	21.00-25.00	58.00-63.00	Bal.	.10 Max.	1.0 Max.	1.0 Max.	AL .80-1.7 ZR .07-.25 N .02-.07	2300	1.074
80-20	19.00-21.00	76.00-78.00	1.00 Max.	.15 Max.	.75-1.50	2.50 Max.		2100	1.074
80-20 CB	19.00-21.00	76.00-78.00	1.00 Max.	.15 Max.	.75-1.50	2.50 Max.	Cb .75-1.50	2100	1.074
70-30	29.00-31.00	68.00-70.00	.50 Max.	.10 Max.	1.50 Max.	.10 Max.	AL .20 Max.	2200	1.035
4024	15	79	Nitrogen Resistant Alloy				Proprietary	2200	1.074

All of our material is 80% recyclable for LEED materials and resources as well as corporate recycling objectives.

View real-time data and pricing on nickel in today's marketplace.



Talk to a Belt Specialist Today!

See how we can help you find the proper alloy selection for your operation by contacting us online or giving us a call at **717-848-3620**.