

Raw Material and Energy Powder Surcharges 2021 - USD/lb. (applicable at time of shipment)



If an alloy you purchase is not listed, call
Carpenter within the U.S. at 800-654-6543.
Outside the U.S., call 1-610-208-2000, press 2

Chrome-based (powder products)

Alloy Description	Jan'21	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
CarTech Micro-Melt® NiCr49Nb1	3.92	4.11	4.36	3.92	3.90	4.20	4.57	5.11	5.41			
UltraFine® 17Cr-4Ni MA 3X	2.14	2.05	2.14	2.14	2.16	2.31	2.55	2.88	3.11			
CarTech UltraFine® 316 MA	4.11	4.15	4.44	4.11	4.03	4.43	5.15	5.69	6.03			
CarTech UltraFine® 420 MA	0.90	0.77	0.79	0.90	0.90	0.91	1.18	1.45	1.66			

Cobalt-based (powder products)

Alloy Description	Jan'21	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
CarTech Micro-Melt® 1	10.00	4.68	8.65	10.00	8.26	6.87	7.49	10.53	10.61			
CarTech Micro-Melt® 12	10.54	4.45	8.97	10.54	8.54	6.95	7.67	11.11	11.19			
CarTech Micro-Melt® 188	9.92	5.87	9.11	9.92	8.55	7.59	8.12	10.61	10.70			
CarTech Micro-Melt® 188B	9.92	5.87	9.11	9.92	8.55	7.59	8.12	10.61	10.70			
CarTech Micro-Melt® 1B	10.58	4.85	9.13	10.58	8.70	7.21	7.87	11.12	11.20			
CarTech Micro-Melt® 21	10.50	3.88	8.82	10.50	8.27	6.66	7.67	11.43	11.54			
CarTech Micro-Melt® 50Nb	9.84	3.83	8.36	9.84	7.81	6.34	7.23	10.70	10.80			
CarTech Micro-Melt® 6	7.87	3.08	6.64	7.87	6.29	5.03	5.60	8.36	8.44			
CarTech Micro-Melt® 6LF	10.80	4.02	9.07	10.80	8.56	6.76	7.51	11.35	11.41			
CarTech Micro-Melt® 9810	10.73	4.07	9.04	10.73	8.52	6.76	7.50	11.29	11.35			
CarTech Micro-Melt® A4783	9.73	4.47	8.56	9.73	7.96	6.65	7.26	10.38	10.44			
CarTech Micro-Melt® BioDur® CCM®	16.28	9.32	14.53	16.28	13.95	12.23	13.17	17.21	17.24			
CarTech Micro-Melt® CCM	10.37	3.73	8.66	10.37	8.14	6.52	7.56	11.31	11.41			
CarTech Micro-Melt® CCM GADS	10.37	3.73	8.66	10.37	8.14	6.52	7.56	11.31	11.41			
CarTech Micro-Melt® CCM PLUS®	10.37	3.73	8.66	10.37	8.14	6.52	7.56	11.31	11.41			
CarTech Micro-Melt® F	8.96	5.42	8.27	8.96	7.76	6.94	7.45	9.69	9.82			
CarTech Micro-Melt® F75	10.81	3.87	9.02	10.81	8.48	6.78	7.84	11.76	11.86			
CarTech Micro-Melt® G155	12.26	5.31	10.50	12.26	9.83	8.67	10.79	14.53	14.72			
CarTech Micro-Melt® G185	10.73	4.83	9.33	10.73	8.76	7.24	7.92	11.36	11.43			
CarTech Micro-Melt® G190	10.92	4.97	9.41	10.92	8.84	7.95	10.02	13.25	13.49			
CarTech Micro-Melt® G195	8.35	4.50	7.67	8.35	7.00	6.13	6.67	9.19	9.31			
CarTech Micro-Melt® HS31	10.70	4.82	9.30	10.70	8.73	7.22	7.90	11.32	11.40			
CarTech Micro-Melt® Merl72	10.39	5.40	9.14	10.39	8.84	7.78	8.58	11.57	11.71			
CarTech Micro-Melt® Mo1	10.19	4.61	8.76	10.19	8.35	6.98	7.80	10.95	11.05			
CarTech Micro-Melt® P1316	10.80	4.79	9.37	10.80	8.79	7.25	7.93	11.42	11.49			
CarTech Micro-Melt® P1318	10.80	4.79	9.37	10.80	8.79	7.25	7.93	11.42	11.49			
CarTech Micro-Melt® P694	10.98	5.90	9.74	10.98	9.32	8.04	8.64	11.54	11.63			
CarTech Micro-Melt® R31233	10.14	4.04	8.70	10.14	8.05	6.58	7.41	10.82	10.83			
CarTech Micro-Melt® TDCA	8.11	4.41	7.46	8.11	6.81	5.99	6.51	8.95	9.07			
CarTech Micro-Melt® WearCorr™	10.00	4.22	8.60	10.00	8.04	6.67	7.59	10.93	11.04			

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CarTech UltraFine CCM®	10.37	3.73	8.66	10.37	8.14	6.52	7.56	11.31	11.41
CarTech UltraFine® CCM PLUS®	10.37	3.73	8.66	10.37	8.14	6.52	7.56	11.31	11.41
CarTech UltraFine® CoCr	11.01	3.93	9.19	11.01	8.63	6.89	7.97	11.96	12.06
CarTech UltraFine® F-75HP	10.81	3.87	9.03	10.81	8.48	6.78	7.85	11.77	11.87
CarTech UltraFine® H25	11.27	5.66	9.95	11.27	9.41	7.98	8.60	11.82	11.88
Micro-Melt® Maraging 509B	10.68	5.11	9.21	10.68	8.97	7.76	8.65	11.94	12.10
CarTech Micro-Melt® CTS	10.35	3.44	8.56	10.35	8.05	6.23	6.99	10.91	10.97
Micro-Melt Biodur CCM® LS	10.89	3.87	9.08	10.89	8.53	6.80	7.85	11.80	11.91
Micro-Melt CCM® A764 Mod	10.96	3.89	9.14	10.96	8.59	6.84	7.89	11.87	11.97
CarTech Micro-Melt® CoWCr	11.95	3.99	9.94	11.95	9.29	7.18	8.04	12.52	12.55
CarTech UltraFine® FeCo50	7.69	2.43	6.35	7.69	5.93	4.52	5.01	7.90	7.85
CarTech Micro-Melt® CCM MC	10.60	3.68	8.84	10.60	8.28	6.59	7.52	11.28	11.35

Cobalt/Nickel-based (powder products)

Alloy Description	Jan'21	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
CarTech UltraFine® MP35N®	8.81	5.18	8.24	8.81	7.48	6.92	7.84	10.13	10.29			

Copper-based (powder products)

Alloy Description	Jan'21	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
CarTech Micro-Melt® C18200	4.15	3.57	3.85	4.15	4.34	4.83	4.54	4.50	4.41			
CarTech Micro-Melt® CuNiSiCr	4.25	3.78	4.07	4.25	4.42	4.92	4.67	4.67	4.61			
CarTech Micro-Melt® G72	4.86	4.82	5.14	4.86	4.97	5.51	5.40	5.57	5.59			
CarTech UltraFine® CuNiSnP	5.27	4.44	5.04	5.27	5.53	6.25	6.04	6.13	6.41			
CarTech UltraFine® C621	4.77	4.13	4.59	4.77	4.99	5.60	5.39	5.44	5.58			
CarTech UltraFine® Cu15SnP	5.25	4.37	4.94	5.25	5.52	6.23	5.98	6.04	6.26			
CarTech UltraFine® Cu-Electr.	4.15	3.57	3.86	4.15	4.34	4.84	4.54	4.49	4.40			
CarTech UltraFine® Copper-MIM	4.18	3.59	3.88	4.18	4.36	4.86	4.56	4.51	4.43			
UltraFine® C18000	4.17	3.62	3.90	4.17	4.35	4.85	4.57	4.53	4.45			

Iron-based (powder products)

Alloy Description	Jan'21	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
CarTech Micro-Melt® 5506	2.14	2.09	2.25	2.14	2.09	2.29	2.72	3.00	3.19			
CarTech Micro-Melt® 654SMO	2.35	2.26	2.49	2.35	2.27	2.52	2.95	3.13	3.29			
CarTech Micro-Melt® 904L	2.52	2.55	2.76	2.52	2.48	2.74	3.04	3.23	3.37			
CarTech Micro-Melt® BS2766	1.18	0.71	1.03	1.18	1.03	0.98	1.18	1.42	1.45			
CarTech Micro-Melt® Fe LC	0.25	0.22	0.22	0.25	0.25	0.25	0.29	0.30	0.30			
CarTech Micro-Melt® Fe Powder	0.26	0.22	0.22	0.26	0.26	0.26	0.29	0.31	0.31			
CarTech Micro-Melt® LAW 100X	0.25	0.22	0.22	0.25	0.25	0.25	0.29	0.30	0.30			
CarTech Micro-Melt® Sanicro 28	2.79	2.88	3.10	2.79	2.75	3.03	3.28	3.50	3.66			
CarTech Micro-Melt® 28	2.79	2.88	3.10	2.79	2.75	3.03	3.28	3.50	3.66			
CarTech Micro-Melt NCORR®	1.84	1.83	1.94	1.84	1.82	1.97	2.28	2.55	2.79			
CarTech Micro-Melt® FeCoTa	11.71	8.11	9.11	11.71	12.29	13.78	16.95	19.52	20.49			
CarTech Micro-Melt® FeCoCrNi	6.16	3.48	5.70	6.16	5.22	4.62	5.05	6.86	6.98			
CarTech Micro-Melt® FeCoTaMo	12.46	7.35	10.14	12.46	11.80	12.29	15.23	18.35	19.03			

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CarTech Micro-Melt® AFA25	2.70	2.76	2.98	2.70	2.69	2.93	3.29	3.52	3.67
CarTech Micromelt® AFA25	2.70	2.76	2.98	2.70	2.69	2.93	3.29	3.52	3.67
CarTech Micro-Melt Ferrium® M4	9.03	7.15	8.58	9.03	8.07	9.65	14.13	14.82	15.46
CarTech Micro-Melt® 2507 SDplx	5.43	5.87	6.23	5.43	5.40	5.94	6.40	6.93	7.20
CarTech Micro-Melt® VeKo25Cr	1.61	1.27	1.43	1.61	1.56	1.61	1.81	1.92	2.07
CarTech Micro-Melt® 1.4313	0.73	0.70	0.73	0.73	0.73	0.77	0.90	1.00	1.08
Micro-Melt Aermet-for-tooling®	3.03	1.70	2.78	3.03	2.56	2.29	2.52	3.36	3.39
CarTech Micro-Melt® A-286	2.34	2.44	2.59	2.34	2.33	2.52	2.73	2.97	3.10

Iron/Cobalt-based (powder products)

Alloy Description	JAN	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
CarTech Micro-Melt Hiperco® 50	7.79	2.61	6.45	7.79	6.07	4.69	5.18	8.02	7.98			
CarTech UltraFine Hiperco® 50	7.72	2.59	6.39	7.72	6.02	4.65	5.14	7.94	7.90			
Micro-Melt Hiperco® 50 HS	8.41	3.09	6.99	8.41	6.67	5.28	5.78	8.66	8.63			

Iron/Nickel (powder products)

Alloy Description	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
CarTech UltraFine® GHS 4	3.69	3.80	4.10	3.69	3.63	4.00	4.41	4.69	4.85			

Nickel-based (powder products)

Alloy Description	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
CarTech IN100	5.38	5.55	5.98	5.38	5.27	5.86	6.67	7.21	7.51			
CarTech Micro-Melt® 230	6.88	6.60	7.32	6.88	6.69	6.93	7.29	7.98	8.19			
CarTech Micro-Melt® 247LC	7.79	7.13	8.11	7.79	7.58	7.92	8.43	9.44	9.67			
CarTech Micro-Melt® 247LC Mod 1	7.80	7.14	8.13	7.80	7.59	7.94	8.41	9.39	9.61			
CarTech Micro-Melt® 282	6.57	5.70	6.91	6.57	6.11	6.35	7.11	8.19	8.43			
CarTech Micro-Melt® 50/50	4.09	4.40	4.62	4.09	4.09	4.44	4.77	5.29	5.59			
CarTech Micro-Melt® 600	5.27	5.84	6.16	5.27	5.27	5.78	6.00	6.48	6.69			
CarTech Micro-Melt® 622	5.95	6.07	6.55	5.95	5.81	6.44	7.34	7.86	8.16			
CarTech Micro-Melt® 622 AWS	5.99	6.10	6.57	5.99	5.85	6.47	7.38	7.91	8.22			
CarTech Micro-Melt® 625	4.70	4.83	5.28	4.70	4.61	5.16	5.96	6.41	6.66			
CarTech Micro-Melt® 625+W	5.69	5.91	6.42	5.69	5.61	6.23	7.03	7.53	7.81			
CarTech Micro-Melt® 625AM	6.07	6.32	6.85	6.07	5.99	6.65	7.51	8.04	8.33			
CarTech Micro-Melt® 625Ar	6.07	6.32	6.85	6.07	5.99	6.65	7.51	8.04	8.33			
CarTech Micro-Melt® 625LF	6.05	6.29	6.82	6.05	5.96	6.62	7.48	8.01	8.30			
CarTech Micro-Melt® 625M	6.15	6.38	6.95	6.15	6.08	6.75	7.65	8.18	8.45			
CarTech Micro-Melt® 713C	5.57	6.03	6.42	5.57	5.53	6.11	6.56	7.05	7.29			
CarTech Micro-Melt® 718	4.74	4.99	5.41	4.74	4.73	5.21	5.79	6.20	6.40			
CarTech Micro-Melt® 80/20	5.51	6.11	6.44	5.51	5.52	6.04	6.29	6.81	7.04			
CarTech Micro-Melt® 825	3.92	4.17	4.46	3.92	3.89	4.28	4.54	4.84	5.01			
CarTech Micro-Melt® A4777	5.59	6.24	6.59	5.59	5.61	6.16	6.36	6.82	7.01			
CarTech Micro-Melt® A4778	6.12	6.86	7.25	6.12	6.14	6.75	6.93	7.41	7.59			
CarTech Micro-Melt® A4779	6.25	7.00	7.40	6.25	6.26	6.89	7.07	7.56	7.74			
CarTech Micro-Melt® A4782	5.00	5.52	5.83	5.00	5.03	5.51	5.74	6.21	6.43			

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CarTech Micro-Melt® B27	6.29	7.06	7.45	6.29	6.31	6.94	7.12	7.62	7.80
CarTech Micro-Melt® B40	5.65	6.30	6.65	5.65	5.66	6.22	6.42	6.90	7.10
CarTech Micro-Melt® B56	5.26	5.84	6.16	5.26	5.27	5.78	5.99	6.46	6.66
CarTech Micro-Melt® B60+	5.10	5.66	5.97	5.10	5.12	5.61	5.82	6.29	6.49
CarTech Micro-Melt® C-276	6.43	6.50	7.04	6.43	6.25	6.95	7.98	8.51	8.80
CarTech Micro-Melt® C-901	5.62	5.81	6.27	5.62	5.49	6.12	6.96	7.48	7.77
CarTech Micro-Melt® G142	5.16	5.70	6.02	5.16	5.18	5.68	5.91	6.38	6.60
CarTech Micro-Melt® G173	6.79	6.14	7.12	6.79	6.57	6.91	7.47	8.57	8.84
CarTech Micro-Melt® G183	6.66	6.02	7.10	6.66	6.29	6.50	6.98	7.95	8.15
CarTech Micro-Melt® G186	6.81	5.58	7.07	6.81	6.24	6.29	6.84	8.13	8.32
CarTech Micro-Melt® G192	4.93	5.43	5.72	4.93	4.94	5.42	5.65	6.13	6.36
CarTech Micro-Melt® G202	4.73	4.98	5.41	4.73	4.72	5.20	5.78	6.18	6.39
CarTech Micro-Melt® G207	5.60	6.23	6.57	5.60	5.61	6.15	6.38	6.88	7.10
CarTech Micro-Melt® G81	5.00	5.52	5.83	5.00	5.03	5.51	5.74	6.21	6.43
CarTech Micro-Melt® GHS-4	3.77	3.88	4.17	3.77	3.70	4.07	4.55	4.88	5.07
CarTech Micro-Melt® HX	4.51	4.64	4.99	4.51	4.42	4.90	5.58	6.01	6.26
CarTech Micro-Melt® HyMu 800	5.87	6.41	6.83	5.87	5.83	6.45	6.88	7.33	7.53
CarTech Micro-Melt® IN738	6.56	5.92	6.91	6.56	6.29	6.55	7.05	8.06	8.29
CarTech Micro-Melt® MAR-M-247	8.00	7.24	8.27	8.00	7.77	8.10	8.65	9.71	9.95
CarTech Micro-Melt® N5A	6.27	5.08	6.50	6.27	5.75	5.71	6.06	7.32	7.51
CarTech Micro-Melt® N5A/N5B	6.19	4.99	6.41	6.19	5.67	5.63	5.98	7.23	7.41
CarTech Micro-Melt® N5B	6.02	4.79	6.20	6.02	5.51	5.45	5.79	7.04	7.21
CarTech Micro-Melt® NFM 24	6.74	5.34	6.95	6.74	6.13	6.07	6.52	7.87	8.04
CarTech Micro-Melt® NiCoCrMo	7.07	5.58	7.24	7.07	6.42	6.41	7.02	8.41	8.62
CarTech Micro-Melt® NiCrMoAl	5.67	6.13	6.53	5.67	5.62	6.23	6.69	7.18	7.41
CarTech Micro-Melt® NiCrMoB	6.30	6.52	7.05	6.30	6.15	6.87	7.81	8.35	8.64
CarTech Micro-Melt® TDCA/TDCB	7.61	4.38	7.11	7.61	6.47	5.79	6.28	8.47	8.61
CarTech Micro-Melt® TDCB	6.67	4.36	6.45	6.67	5.83	5.42	5.84	7.57	7.72
CarTech UltraFine® 713C	5.55	6.01	6.40	5.55	5.51	6.10	6.54	7.03	7.27
CarTech UltraFine® 718	4.74	4.99	5.41	4.74	4.73	5.21	5.79	6.19	6.40
CarTech UltraFine® Alloy X	4.28	4.26	4.74	4.28	4.13	4.58	5.28	5.81	6.06
CarTech UltraFine® HX	4.88	4.86	5.34	4.88	4.73	5.18	5.88	6.41	6.66
CarTech UltraFine® K500	7.77	7.91	9.06	7.77	7.87	8.71	10.12	10.45	10.58
CarTech UltraFine® NiCoCrAlY	6.77	4.70	6.71	6.77	5.97	5.65	5.97	7.57	7.67
CarTech Micro-Melt® BRB	6.36	5.91	6.95	6.36	6.04	6.25	6.54	7.53	7.72
CarTech Micro-Melt® G204	5.62	6.28	6.63	5.62	5.64	6.19	6.39	6.86	7.05
CarTech Micro-Melt® Waspaloy	6.68	5.60	6.98	6.68	6.17	6.25	6.81	8.04	8.26
CarTech Micro-Melt® A914	7.87	6.35	8.23	7.87	7.18	7.10	7.43	8.96	9.09
CarTech Micro-Melt® 5 Fe	8.82	5.01	8.27	8.82	7.45	6.61	7.11	9.64	9.73
CarTech Micro-Melt® 725	5.71	5.97	6.47	5.71	5.64	6.25	7.01	7.50	7.76
CarTech UltraFine® 625	6.07	6.32	6.85	6.07	5.99	6.65	7.51	8.04	8.33

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CarTech UltraFine® Fe-50Ni	3.44	3.83	4.04	3.44	3.45	3.78	3.89	4.16	4.26
CarTech Micro-Melt® L1	6.13	6.33	6.85	6.13	6.06	6.67	7.47	7.98	8.25
CarTech Micro-Melt® Ni-24.5Cr	6.62	7.44	7.86	6.62	6.64	7.30	7.49	8.01	8.21
CarTech Micro-Melt® HX-1LC	4.93	4.85	5.37	4.93	4.76	5.20	5.90	6.45	6.70
CarTech Micro-Melt® R95	6.89	6.38	7.46	6.89	6.59	6.90	7.49	8.38	8.58
CarTech Micro-Melt® R125-1	7.69	6.89	7.92	7.69	7.45	7.81	8.46	9.53	9.80
CarTech Micro-Melt® C263	7.36	5.54	7.40	7.36	6.61	6.50	7.20	8.76	8.98
CarTech Micro-Melt® 718 AM	4.72	4.97	5.39	4.72	4.71	5.18	5.75	6.16	6.36
CarTech Micro-Melt® 690	4.49	4.91	5.17	4.49	4.50	4.90	5.17	5.65	5.89
CarTech Micro-Melt® 82	5.56	6.09	6.48	5.56	5.58	6.11	6.47	6.97	7.23
Micro-Melt® STAL18SILAY	6.71	6.48	7.09	6.71	6.69	7.24	7.88	8.75	9.07
CarTech Micro-Melt® 738 LC	6.70	6.14	7.11	6.70	6.45	6.76	7.30	8.27	8.52
CarTech Micro-Melt® 263	7.55	5.62	7.56	7.55	6.77	6.63	7.33	8.93	9.18
CarTech Micro-Melt® HX LC	4.88	4.86	5.34	4.88	4.73	5.18	5.88	6.41	6.66
CarTech Micro-Melt® HX-4	4.86	4.85	5.32	4.86	4.72	5.16	5.85	6.38	6.63
CarTech Micro-Melt® R77	6.87	5.63	7.13	6.87	6.30	6.35	6.90	8.19	8.39
CarTech Micro-Melt® 109 Mod	7.19	5.47	7.19	7.19	6.57	6.44	6.96	8.47	8.68
CarTech Micro-Melt® Ni60H	5.13	5.69	6.01	5.13	5.15	5.64	5.86	6.33	6.53
CarTech Micro-Melt® 625F-1	5.84	6.05	6.57	5.84	5.75	6.39	7.25	7.76	8.04
CarTech Micro-Melt® 792	7.25	6.56	7.50	7.25	7.06	7.47	8.14	9.19	9.48
CarTech Micro-Melt® NiCrAlY	4.82	5.30	5.59	4.82	4.83	5.30	5.53	5.99	6.22
CarTech Micro-Melt® 720	6.80	5.54	7.03	6.80	6.25	6.24	6.74	8.02	8.22
CarTech UltraFine® Ni20Cr	5.64	6.25	6.59	5.64	5.65	6.18	6.44	6.96	7.20
CarTech UltraFine® NiCrMo	4.01	3.96	4.37	4.01	3.88	4.23	4.78	5.24	5.46
CarTech UltraFine® 90	6.94	5.47	7.14	6.94	6.31	6.19	6.57	8.02	8.21
CarTech UltraFine® M400	5.79	6.16	6.53	5.79	5.85	6.46	6.50	6.84	6.95
CarTech UltraFine® R77	6.85	5.61	7.11	6.85	6.28	6.33	6.88	8.17	8.37
UltraFine® Maraging 247	7.87	7.12	8.17	7.87	7.63	7.93	8.45	9.49	9.72
CarTech UltraFine® HyMu 800	5.87	6.41	6.83	5.87	5.83	6.45	6.88	7.33	7.53
CarTech Micro-Melt® 75	5.44	6.03	6.38	5.44	5.45	5.97	6.12	6.55	6.76

Tool Steel (powder products)

Alloy Description	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
CarTech Micro-Melt Custom 470®	1.14	1.15	1.23	1.14	1.13	1.22	1.32	1.40	1.46			
CarTech Micro-Melt® 100	1.25	1.13	1.25	1.25	1.22	1.32	1.52	1.61	1.72			
CarTech Micro-Melt® 100Cr6	0.26	0.22	0.23	0.26	0.26	0.26	0.30	0.31	0.32			
CarTech Micro-Melt® 1045	0.25	0.22	0.22	0.25	0.25	0.25	0.29	0.30	0.30			
CarTech Micro-Melt® 15Cr-5Ni	0.85	0.80	0.83	0.85	0.86	0.91	1.00	1.11	1.18			
CarTech Micro-Melt® 16MnCr5	0.26	0.22	0.22	0.26	0.26	0.26	0.30	0.31	0.31			
CarTech Micro-Melt® 17Cr-4Ni	0.78	0.72	0.77	0.78	0.79	0.84	0.86	0.91	0.95			
CarTech Micro-Melt® 20-4	1.17	0.92	1.04	1.17	1.14	1.14	1.23	1.32	1.39			
CarTech Micro-Melt® 2205 Duplex	1.05	0.93	1.04	1.05	1.01	1.11	1.31	1.39	1.49			

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CarTech Micro-Melt®2505 SDplx	1.12	1.00	1.11	1.12	1.09	1.19	1.37	1.45	1.56
CarTech Micro-Melt® 2205M	1.06	0.94	1.05	1.06	1.02	1.12	1.32	1.40	1.50
CarTech Micro-Melt® 23	2.01	1.75	1.90	2.01	1.95	2.03	2.32	2.40	2.46
CarTech Micro-Melt® 2357	1.40	1.36	1.48	1.40	1.37	1.49	1.68	1.79	1.88
CarTech Micro-Melt® 23S	2.01	1.74	1.89	2.01	1.94	2.02	2.31	2.39	2.45
CarTech Micro-Melt® 25-10-10	2.13	1.81	2.01	2.13	2.02	2.22	2.92	3.15	3.45
CarTech Micro-Melt® 253	0.93	0.92	0.98	0.93	0.93	0.99	1.03	1.11	1.18
CarTech Micro-Melt® 254SMO	1.99	1.91	2.10	1.99	1.93	2.15	2.50	2.66	2.79
CarTech Micro-Melt® 25-7-4	1.30	1.17	1.30	1.30	1.25	1.38	1.63	1.74	1.85
CarTech Micro-Melt® 2739	3.31	2.46	3.04	3.31	3.08	2.95	3.15	3.54	3.58
CarTech Micro-Melt® 2888	2.84	1.66	2.52	2.84	2.46	2.22	2.44	3.05	3.09
CarTech Micro-Melt® 2906	1.14	1.05	1.15	1.14	1.12	1.21	1.36	1.45	1.57
CarTech Micro-Melt® 30	2.87	2.00	2.61	2.87	2.60	2.52	2.86	3.27	3.32
CarTech Micro-Melt® 304	0.92	0.91	0.97	0.92	0.92	0.97	1.01	1.08	1.15
CarTech Micro-Melt® 304B4	1.37	1.42	1.48	1.37	1.37	1.47	1.62	1.80	1.93
CarTech Micro-Melt® 304B6	1.37	1.41	1.47	1.37	1.37	1.46	1.61	1.79	1.91
CarTech Micro-Melt® 304B7	1.38	1.43	1.49	1.38	1.38	1.48	1.63	1.82	1.95
CarTech Micro-Melt® 304L	1.11	1.12	1.16	1.11	1.11	1.18	1.32	1.48	1.59
CarTech Micro-Melt® 308L Mod	1.04	1.04	1.12	1.04	1.05	1.11	1.16	1.24	1.32
CarTech Micro-Melt® 309L	1.44	1.46	1.53	1.44	1.44	1.54	1.74	1.94	2.09
CarTech Micro-Melt® 30LS	3.44	2.28	3.10	3.44	3.08	2.92	3.31	3.88	3.93
CarTech Micro-Melt® 30Nb	3.45	2.27	3.11	3.45	3.08	2.92	3.28	3.87	3.92
CarTech Micro-Melt® 312	1.07	1.04	1.12	1.07	1.07	1.13	1.17	1.25	1.36
CarTech Micro-Melt® 316L	1.14	1.10	1.19	1.14	1.12	1.22	1.36	1.45	1.53
CarTech Micro-Melt® 316L AWS	1.27	1.24	1.34	1.27	1.25	1.36	1.52	1.62	1.70
CarTech Micro-Melt® 316L+S	1.27	1.24	1.34	1.27	1.25	1.36	1.52	1.62	1.70
CarTech Micro-Melt® 316LHSi	1.55	1.52	1.62	1.55	1.52	1.66	1.94	2.14	2.26
CarTech Micro-Melt® 316LN	1.54	1.52	1.62	1.54	1.51	1.64	1.91	2.10	2.22
CarTech Micro-Melt® 316Lx1.5	1.71	1.68	1.82	1.71	1.68	1.84	2.05	2.18	2.30
CarTech Micro-Melt® 347H	1.07	1.08	1.15	1.07	1.07	1.14	1.19	1.27	1.35
CarTech Micro-Melt® 410	0.34	0.30	0.31	0.34	0.35	0.35	0.42	0.44	0.60
CarTech Micro-Melt® 410L	0.42	0.36	0.36	0.42	0.42	0.42	0.51	0.59	0.64
CarTech Micro-Melt® 4112	0.50	0.39	0.43	0.50	0.48	0.50	0.59	0.63	0.68
CarTech Micro-Melt® 4130	0.31	0.26	0.27	0.31	0.30	0.31	0.37	0.39	0.40
CarTech Micro-Melt® 4140	0.27	0.23	0.23	0.27	0.27	0.27	0.31	0.33	0.35
CarTech Micro-Melt® 416R	0.41	0.34	0.36	0.41	0.40	0.41	0.45	0.48	0.52
CarTech Micro-Melt® 420	0.43	0.37	0.37	0.43	0.43	0.43	0.53	0.62	0.67
CarTech Micro-Melt® 420 LCM	0.44	0.38	0.38	0.44	0.44	0.44	0.54	0.63	0.70
CarTech Micro-Melt® 420-CW	1.66	1.33	1.46	1.66	1.63	1.62	1.73	1.83	1.90
CarTech Micro-Melt® 420LC	0.43	0.37	0.37	0.43	0.43	0.43	0.53	0.62	0.67
CarTech Micro-Melt® 422	0.75	0.67	0.70	0.75	0.73	0.76	0.90	0.99	1.05

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CarTech Micro-Melt® 431	0.60	0.55	0.56	0.60	0.60	0.62	0.73	0.84	0.92
CarTech Micro-Melt® 4340	0.38	0.35	0.36	0.38	0.38	0.39	0.42	0.45	0.45
CarTech Micro-Melt® 4370	1.04	1.04	1.08	1.04	1.04	1.10	1.25	1.40	1.57
CarTech Micro-Melt® 440	1.30	1.04	1.14	1.30	1.28	1.27	1.35	1.44	1.51
CarTech Micro-Melt® 440C	0.53	0.46	0.47	0.53	0.53	0.54	0.69	0.79	0.87
CarTech Micro-Melt® 440-XH	0.66	0.56	0.59	0.66	0.65	0.67	0.83	0.94	1.03
CarTech Micro-Melt® 4848	1.90	1.99	2.08	1.90	1.90	2.05	2.23	2.49	2.64
CarTech Micro-Melt® 53	2.23	1.87	2.04	2.23	2.17	2.20	2.42	2.52	2.58
CarTech Micro-Melt® 5499	0.61	0.50	0.55	0.61	0.58	0.63	0.78	0.82	0.86
CarTech Micro-Melt® 60	3.79	2.63	3.42	3.79	3.44	3.34	3.81	4.35	4.42
CarTech Micro-Melt® 6126Ni-free	0.85	0.71	0.77	0.85	0.82	0.89	1.18	1.32	1.52
CarTech Micro-Melt® 7339	0.32	0.27	0.28	0.32	0.32	0.33	0.39	0.41	0.42
CarTech Micro-Melt® 736A	0.94	0.89	0.92	0.94	0.93	0.98	1.16	1.33	1.46
CarTech Micro-Melt® 80	5.78	3.70	5.18	5.78	5.14	4.76	5.22	6.26	6.31
CarTech Micro-Melt® 800	2.71	2.18	2.38	2.71	2.66	2.63	2.77	3.00	3.11
CarTech Micro-Melt® 9038	1.20	1.00	1.10	1.20	1.16	1.21	1.40	1.46	1.50
CarTech Micro-Melt® 9040	1.79	1.49	1.66	1.79	1.71	1.81	2.15	2.25	2.32
CarTech Micro-Melt® 9055	2.86	1.99	2.60	2.86	2.59	2.52	2.87	3.28	3.33
CarTech Micro-Melt® 9078	1.81	1.43	1.61	1.81	1.74	1.77	1.98	2.12	2.20
CarTech Micro-Melt® 9098	1.05	0.83	0.92	1.05	1.03	1.03	1.13	1.20	1.27
CarTech Micro-Melt® 9655	1.72	1.61	1.78	1.72	1.66	1.84	2.16	2.30	2.43
CarTech Micro-Melt® 9659	1.86	1.75	1.89	1.86	1.80	1.97	2.42	2.69	2.88
CarTech Micro-Melt® 9660	1.86	1.75	1.89	1.86	1.80	1.97	2.42	2.69	2.88
CarTech Micro-Melt® A11	1.74	1.39	1.53	1.74	1.69	1.69	1.82	1.93	1.98
CarTech Micro-Melt® A11HC	2.26	1.81	2.02	2.26	2.17	2.24	2.55	2.70	2.78
CarTech Micro-Melt® A11LVC	1.68	1.35	1.48	1.68	1.64	1.64	1.77	1.87	1.93
CarTech Micro-Melt® A11-VP	1.84	1.48	1.62	1.84	1.80	1.80	1.93	2.05	2.10
CarTech Micro-Melt® Aermet®100	3.12	1.74	2.86	3.12	2.63	2.35	2.60	3.47	3.50
CarTech Micro-Melt® AISI8740	0.32	0.28	0.29	0.32	0.32	0.33	0.38	0.40	0.41
CarTech Micro-Melt® AM400Plus	1.15	1.14	1.20	1.15	1.14	1.23	1.41	1.54	1.62
CarTech Micro-Melt® APM 2370	1.16	1.04	1.15	1.16	1.12	1.22	1.43	1.53	1.63
CarTech Micro-Melt® CD#1	0.65	0.55	0.60	0.65	0.63	0.66	0.77	0.81	0.85
CarTech Micro-Melt® D2	0.63	0.47	0.55	0.63	0.60	0.60	0.68	0.74	0.78
CarTech Micro-Melt® D7	1.00	0.80	0.88	1.00	0.98	0.99	1.08	1.15	1.20
CarTech Micro-Melt® Duplex 22	1.07	0.96	1.06	1.07	1.04	1.13	1.32	1.41	1.51
CarTech Micro-Melt® F22	0.42	0.36	0.38	0.42	0.41	0.43	0.53	0.57	0.59
CarTech Micro-Melt® FeSi	0.28	0.24	0.24	0.28	0.29	0.29	0.34	0.36	0.37
CarTech Micro-Melt® FeSi 600	0.28	0.24	0.24	0.28	0.29	0.29	0.34	0.36	0.38
CarTech Micro-Melt® Grade 92	0.62	0.55	0.58	0.62	0.62	0.63	0.68	0.71	0.74
CarTech Micro-Melt® H13	0.72	0.59	0.64	0.72	0.70	0.72	0.86	0.93	0.97
CarTech Micro-Melt® H163	2.11	1.82	1.98	2.11	2.04	2.12	2.41	2.50	2.56

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CARPENTER
TECHNOLOGY

CarTech Micro-Melt® HS-30	2.84	1.96	2.58	2.84	2.57	2.48	2.83	3.25	3.29
CarTech Micro-Melt® M300	3.75	2.79	3.67	3.75	3.37	3.31	3.72	4.39	4.46
CarTech Micro-Melt® M4	2.05	1.76	1.92	2.05	1.98	2.06	2.34	2.42	2.48
CarTech Micro-Melt® M4 HCS	2.21	1.92	2.08	2.21	2.14	2.23	2.56	2.67	2.74
CarTech Micro-Melt® M42	2.37	1.51	2.12	2.37	2.07	2.07	2.63	3.05	3.12
CarTech Micro-Melt® M48	3.41	2.48	3.14	3.41	3.13	3.03	3.38	3.82	3.88
CarTech Micro-Melt® M48 LS	3.43	2.49	3.16	3.43	3.14	3.05	3.41	3.85	3.90
CarTech Micro-Melt® Maxamet®	3.84	2.84	3.52	3.84	3.58	3.37	3.48	3.95	3.98
CarTech Micro-Melt® MV 11K	1.05	0.83	0.92	1.05	1.03	1.04	1.13	1.20	1.29
CarTech Micro-Melt® NOREM 02	0.54	0.52	0.56	0.54	0.53	0.57	0.65	0.69	0.71
CarTech Micro-Melt® O6	0.26	0.22	0.22	0.26	0.26	0.26	0.29	0.31	0.31
CarTech Micro-Melt® P-28	1.85	1.74	1.88	1.85	1.79	1.97	2.41	2.67	2.86
CarTech Micro-Melt® PD#1	0.92	0.76	0.83	0.92	0.89	0.92	1.03	1.09	1.12
CarTech Micro-Melt® PD#5	1.31	1.11	1.19	1.31	1.28	1.30	1.45	1.55	1.60
CarTech Micro-Melt® SA508	0.36	0.32	0.33	0.36	0.35	0.37	0.43	0.46	0.46
Micro-Melt® Sanicro 15-5PH	0.77	0.71	0.76	0.77	0.78	0.82	0.85	0.89	0.94
CarTech Micro-Melt® 15-5PH	0.77	0.71	0.76	0.77	0.78	0.82	0.85	0.89	0.94
CarTech Micro-Melt® T15	3.11	2.50	2.90	3.11	2.97	2.86	2.94	3.19	3.22
CarTech Micro-Melt® T15 Plus	3.36	2.50	3.09	3.36	3.13	2.99	3.19	3.58	3.62
CarTech Micro-Melt® TD#1	0.96	0.79	0.88	0.96	0.91	0.95	1.13	1.18	1.22
CarTech Micro-Melt® TF1	1.03	0.67	0.91	1.03	0.92	0.91	1.12	1.28	1.33
CarTech Micro-Melt® TF6	4.61	3.78	4.35	4.61	4.40	4.35	4.67	5.01	5.07
CarTech Micro-Melt® TMM	0.74	0.63	0.69	0.74	0.71	0.76	0.89	0.94	0.98
CarTech Micro-Melt® VA176	2.08	1.68	1.84	2.08	2.03	2.04	2.23	2.42	2.51
CarTech Micro-Melt® W4841Nb	1.72	1.79	1.91	1.72	1.72	1.86	1.92	2.06	2.17
CarTech Micro-Melt® X245	1.79	1.44	1.58	1.79	1.75	1.75	1.88	1.99	2.04
Micro-Melt® X4CrNiMo 16-5-1	0.63	0.60	0.64	0.63	0.63	0.66	0.69	0.74	0.79
CarTech UltraFine® 1.2709	3.31	2.36	3.25	3.31	2.93	2.88	3.29	3.97	4.03
CarTech UltraFine® 1.4435	1.91	1.84	1.98	1.91	1.86	2.04	2.44	2.70	2.89
CarTech UltraFine® 17Cr-4Ni	0.88	0.82	0.86	0.88	0.89	0.94	1.04	1.16	1.23
CarTech UltraFine® 304L	0.89	0.88	0.93	0.89	0.89	0.94	0.98	1.05	1.12
CarTech UltraFine® 316L	1.27	1.24	1.34	1.27	1.25	1.36	1.52	1.62	1.71
CarTech UltraFine® 410L	0.34	0.28	0.29	0.34	0.34	0.34	0.38	0.40	0.43
CarTech UltraFine® 430L	0.47	0.41	0.41	0.47	0.47	0.48	0.59	0.69	0.76
CarTech UltraFine® 4340	0.38	0.35	0.36	0.38	0.38	0.39	0.43	0.45	0.45
CarTech UltraFine® 4340 MA 3X	0.38	0.35	0.36	0.38	0.38	0.39	0.43	0.45	0.45
CarTech UltraFine® 440C+1.5Nb	0.64	0.56	0.60	0.64	0.65	0.67	0.85	0.95	1.02
CarTech UltraFine® D2	0.58	0.44	0.50	0.58	0.55	0.55	0.62	0.68	0.72
CarTech UltraFine® Fe14MnC	0.29	0.24	0.26	0.29	0.29	0.29	0.33	0.35	0.37
UltraFine® Fe17Cr11Mn3Mo	0.85	0.70	0.77	0.85	0.82	0.88	1.17	1.31	1.42
CarTech UltraFine® FeCrMnMo	0.85	0.70	0.77	0.85	0.82	0.88	1.17	1.31	1.42

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CarTech UltraFine® Fe-30Cr	0.64	0.55	0.56	0.64	0.64	0.65	0.82	0.99	1.12
CarTech UltraFine® Fe30Ni	2.16	2.38	2.51	2.16	2.17	2.37	2.45	2.61	2.67
CarTech UltraFine® Fe8Ni	0.76	0.79	0.83	0.76	0.76	0.82	0.86	0.92	0.93
CarTech UltraFine® FeCrAlY	0.44	0.34	0.38	0.44	0.44	0.45	0.48	0.51	0.58
CarTech UltraFine® FeSiAl	0.33	0.26	0.28	0.33	0.33	0.35	0.41	0.44	0.47
CarTech UltraFine® H13	0.59	0.48	0.52	0.59	0.57	0.59	0.70	0.74	0.77
CarTech UltraFine® M2	1.80	1.55	1.70	1.80	1.74	1.82	2.13	2.22	2.28
CarTech UltraFine® Mod FeSiAl	0.33	0.27	0.28	0.33	0.34	0.36	0.41	0.45	0.48
CarTech UltraFine® S7	0.45	0.37	0.40	0.45	0.43	0.46	0.58	0.62	0.66
CarTech UltraFine® SCM415	0.26	0.22	0.22	0.26	0.26	0.26	0.30	0.31	0.31
UltraFine® X2NiCoMo 18-9-5	3.24	2.31	3.18	3.24	2.87	2.83	3.23	3.89	3.95
CarTech UltraFine® X65Cr13	0.44	0.38	0.38	0.44	0.44	0.44	0.54	0.63	0.70
CarTech Micro-Melt® 65Fe35Co	5.46	1.77	4.51	5.46	4.23	3.24	3.60	5.62	5.59
CarTech Micro-Melt® 255N	1.35	1.25	1.33	1.35	1.33	1.44	1.75	1.95	2.09
CarTech Micro-Melt® 431 FM	0.61	0.56	0.58	0.61	0.61	0.63	0.74	0.85	0.93
CarTech Micro-Melt® 21-6-9	0.99	0.97	1.01	0.99	1.00	1.05	1.21	1.37	1.58
CarTech Micro-Melt® 9310	0.49	0.48	0.49	0.49	0.49	0.52	0.57	0.61	0.63
CarTech UltraFine® Fe-3Si	0.26	0.22	0.22	0.26	0.26	0.26	0.30	0.31	0.31
CarTech UltraFine® SKH57	4.16	2.83	3.78	4.16	3.75	3.53	3.87	4.53	4.58
CarTech UltraFine® Fe-6Si	0.26	0.21	0.22	0.26	0.27	0.28	0.31	0.32	0.32
CarTech UltraFine® F15	4.63	3.06	4.52	4.63	4.04	3.75	3.98	5.12	5.16
CarTech UltraFine® 347	1.19	1.21	1.26	1.19	1.19	1.27	1.40	1.57	1.66
CarTech UltraFine® Fe-18Cr	0.49	0.42	0.42	0.49	0.49	0.49	0.61	0.72	0.79
CarTech UltraFine® 4140	0.29	0.25	0.25	0.29	0.29	0.30	0.35	0.37	0.38
CarTech UltraFine® VeKo25Cr	2.11	1.83	2.00	2.11	2.07	2.12	2.37	2.45	2.49
CarTech UltraFine® 4140 MA	0.37	0.31	0.33	0.37	0.36	0.38	0.46	0.50	0.55
CarTech UltraFine® HK30	2.04	2.11	2.24	2.04	2.04	2.21	2.44	2.69	2.84
CarTech UltraFine® Fe-42Ni	2.94	3.27	3.44	2.94	2.95	3.23	3.33	3.56	3.64
CarTech UltraFine® 218	1.62	1.59	1.69	1.62	1.60	1.74	2.03	2.24	2.44
CarTech Micro-Melt® 7570	2.45	2.13	2.34	2.45	2.34	2.54	3.19	3.38	3.56
CarTech Micro-Melt Invar 36®	2.54	2.81	2.96	2.54	2.55	2.79	2.88	3.07	3.15
CarTech Micro-Melt® Alloy 1	1.15	1.14	1.20	1.15	1.14	1.23	1.41	1.54	1.63
CarTech Micro-Melt® EN25	0.49	0.46	0.48	0.49	0.48	0.51	0.58	0.62	0.64
CarTech Micro-Melt® PWC7	2.79	2.32	2.59	2.79	2.73	2.81	3.19	3.42	3.55
CarTech Micro-Melt® 4304-2	1.17	1.19	1.24	1.17	1.17	1.24	1.38	1.55	1.65
CarTech Micro-Melt® BSEC510	0.37	0.33	0.34	0.37	0.36	0.38	0.44	0.47	0.49
CarTech Micro-Melt® P21 Mod	0.55	0.54	0.56	0.55	0.55	0.58	0.63	0.67	0.68
CarTech Micro-Melt® 177-1	0.93	0.92	0.96	0.93	0.93	0.99	1.11	1.25	1.34
CarTech Micro-Melt® FeCoMo	4.48	2.67	4.11	4.48	3.80	3.69	4.56	5.59	5.69
CarTech Micro-Melt® 13Cr-8Ni	1.16	1.12	1.20	1.16	1.14	1.24	1.46	1.60	1.69
CarTech Micro-Melt® FeCrWTi	0.85	0.78	0.80	0.85	0.85	0.85	0.94	1.01	1.06

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Raw Material and Energy Powder Surcharges 2021 - USD/lb.
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CarTech Micro-Melt® 316L Mod-1	1.39	1.44	1.50	1.39	1.39	1.49	1.64	1.82	1.94
CarTech Micro-Melt® 316L Mod-2	1.39	1.44	1.50	1.39	1.39	1.49	1.63	1.81	1.93
CarTech Micro-Melt® 316L Mod-3	1.90	1.99	2.08	1.90	1.90	2.04	2.23	2.48	2.64
CarTech Micro-Melt® C300	3.25	2.32	3.18	3.25	2.88	2.83	3.23	3.89	3.96
CarTech Micro-Melt® 420-CW Mod	1.90	1.54	1.68	1.90	1.86	1.86	2.05	2.23	2.33
Micro-Melt Ferrium® PH48S	2.23	1.44	2.09	2.23	1.95	1.84	2.09	2.64	2.71
CarTech Micro-Melt® Fe-10Ni	0.92	0.96	1.01	0.92	0.92	0.98	1.04	1.10	1.13
Micro-Melt Ferrium® C64	7.43	6.24	7.85	7.43	6.84	6.88	7.29	8.63	8.78
CarTech Micro-Melt® SA508 Gr4N	0.58	0.55	0.58	0.58	0.57	0.60	0.68	0.73	0.75
CarTech UltraFine® 17Cr-4Ni Ar	0.97	0.90	0.95	0.97	0.97	1.04	1.18	1.30	1.39
CarTech Micro-Melt® HTMO	0.93	0.87	0.91	0.93	0.94	1.00	1.13	1.25	1.33
CarTech Micro-Melt® 1.2709	3.30	2.37	3.24	3.30	2.93	2.88	3.29	3.96	4.03
CarTech Micro-Melt® NitroMaxx	1.09	1.00	1.06	1.09	1.08	1.15	1.42	1.61	1.79
CarTech Micro-Melt® M152	0.80	0.72	0.76	0.80	0.78	0.83	1.02	1.13	1.20
CarTech Micro-Melt® FeCrAlTi	0.54	0.46	0.47	0.54	0.54	0.55	0.68	0.80	0.89
CarTech Micro-Melt® SHS8000	1.25	1.07	1.24	1.25	1.23	1.34	1.79	1.93	2.03
CarTech UltraFine® 13Cr-8Ni	1.17	1.12	1.20	1.17	1.14	1.24	1.47	1.61	1.69
CarTech UltraFine® 42CrMo4	0.29	0.25	0.25	0.29	0.29	0.30	0.35	0.37	0.38
UltraFine® BioDur 108 low Ni	0.78	0.69	0.71	0.78	0.78	0.82	1.06	1.21	1.59
CarTech UltraFine® 420	0.59	0.51	0.56	0.59	0.60	0.62	0.78	0.86	0.91
CarTech UltraFine BioDur® 108	0.78	0.69	0.71	0.78	0.78	0.82	1.06	1.21	1.59
CarTech UltraFine Custom 465®	1.22	1.23	1.30	1.22	1.21	1.30	1.46	1.60	1.68
CarTech UltraFine® Fe10Mn3Si	0.33	0.28	0.29	0.33	0.34	0.34	0.41	0.42	0.55
CarTech UltraFine® 440A	0.47	0.41	0.41	0.47	0.47	0.48	0.59	0.69	0.76
CarTech UltraFine® 15Cr-5Ni	0.90	0.86	0.90	0.90	0.91	0.97	1.08	1.19	1.25
CarTech UltraFine® X20Cr13	0.44	0.37	0.38	0.44	0.44	0.44	0.54	0.63	0.69
CarTech UltraFine® S5	0.34	0.28	0.30	0.34	0.33	0.35	0.43	0.45	0.46
CarTech UltraFine® FeCoSiNbBCu	5.41	2.14	4.67	5.41	4.38	3.62	4.16	5.90	5.87
CarTech UltraFine® 18Ni300	3.27	2.33	3.20	3.27	2.90	2.85	3.26	3.92	3.98
CarTech UltraFine® Fe6.5Si5Cr	0.33	0.27	0.28	0.33	0.34	0.34	0.40	0.44	0.46
CarTech UltraFine Custom 455®	1.07	1.06	1.12	1.07	1.07	1.14	1.25	1.37	1.44
CarTech UltraFine Custom 475®	2.69	1.71	2.50	2.69	2.34	2.25	2.69	3.33	3.42
CarTech UltraFine® FeSiNbCuB	0.94	0.81	0.99	0.94	0.98	1.07	1.33	1.34	1.34
UltraFine Hi Permeability 49®	3.31	3.69	3.88	3.31	3.32	3.64	3.75	4.00	4.10
CarTech UltraFine® X25CrMo14	0.55	0.47	0.49	0.55	0.54	0.56	0.72	0.82	0.89
CarTech UltraFine® A2	0.50	0.41	0.44	0.50	0.48	0.51	0.63	0.68	0.72
CarTech UltraFine® 303	1.14	1.13	1.19	1.14	1.14	1.21	1.38	1.54	1.66
CarTech UltraFine® FeCo35	5.46	1.77	4.51	5.46	4.23	3.24	3.60	5.62	5.59
CarTech UltraFine® 440C	0.47	0.41	0.41	0.47	0.47	0.48	0.59	0.69	0.76
CarTech UltraFine® 420Mod	1.80	1.46	1.57	1.80	1.76	1.75	1.88	2.05	2.15
CarTech Micro-Melt® 9043	2.03	1.76	1.91	2.03	1.96	2.04	2.33	2.41	2.47

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CarTech Micro-Melt® AF9628	0.44	0.38	0.41	0.44	0.43	0.45	0.54	0.57	0.59
MS-1(N)	3.29	2.36	3.23	3.29	2.92	2.88	3.28	3.95	4.01
CarTech Micro-Melt NiMark® 350	3.71	2.47	3.58	3.71	3.24	3.11	3.54	4.37	4.43
CarTech UltraFine® 316L Mod	1.57	1.54	1.67	1.57	1.54	1.69	1.89	2.02	2.12
CarTech Micro-Melt® 416	0.48	0.42	0.43	0.48	0.48	0.49	0.60	0.68	0.74
CarTech Micro-Melt® 30CD12	0.34	0.28	0.30	0.34	0.33	0.35	0.41	0.43	0.45
CarTech Micro-Melt® Wear 26	0.83	0.65	0.73	0.83	0.81	0.83	0.92	0.98	1.07
CarTech Micro-Melt® Wear 20	1.08	0.85	0.95	1.08	1.05	1.07	1.18	1.25	1.33

Tungsten/Nickel-based (powder products)

Alloy Description	Jan'21	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
CarTech Micro-Melt® Amega NM	9.79	9.69	10.22	9.79	9.71	10.12	10.65	10.96	11.13			
CarTech Micro-Melt® NT-60	11.38	11.37	11.87	11.38	11.38	11.65	11.73	11.93	12.01			
CarTech Micro-Melt® NT-60KS	10.96	10.97	11.44	10.96	10.96	11.22	11.30	11.51	11.58			
CarTech Micro-Melt® NT-60SP	11.18	11.17	11.65	11.18	11.19	11.44	11.51	11.71	11.79			
CarTech Micro-Melt® NT-70SP	11.96	11.80	12.29	11.96	11.97	12.15	12.20	12.34	12.39			
CarTech Micro-Melt® NT-65	11.69	11.61	12.10	11.69	11.69	11.92	11.98	12.15	12.22			
CarTech Micro-Melt® NT-50 SPH	10.60	10.68	11.15	10.60	10.60	10.91	11.00	11.23	11.32			

Other (powder products)

Alloy Description	Jan'21	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
CarTech Micro-Melt® Pyrowear 53	0.81	0.70	0.77	0.81	0.77	0.86	1.06	1.11	1.14			
Micro-Melt® Glass Sealing 18	0.39	0.31	0.33	0.39	0.39	0.39	0.42	0.45	0.50			
CarTech UltraFine® 1.4923	1.00	0.83	0.89	1.00	0.98	0.99	1.15	1.26	1.33			
CarTech Micro-Melt® 901	3.55	3.75	4.03	3.55	3.49	3.88	4.29	4.56	4.69			
CarTech Micro-Melt® 5120	0.27	0.23	0.23	0.27	0.27	0.27	0.31	0.33	0.34			
CarTech UltraFine® 1.4848	1.87	1.95	2.04	1.87	1.87	2.01	2.20	2.44	2.59			

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