

2018 RAW MATERIAL SURCHARGES (US\$/Pound)

STAINLESS STEELS

Grade	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
S301	\$0.48	\$0.53	\$0.57	\$0.63	\$0.63	\$0.65	\$0.69	\$0.65	\$0.62	\$0.56	\$0.56	\$0.52
302/302HQ	\$0.60	\$0.67	\$0.72	\$0.77	\$0.78	\$0.80	\$0.85	\$0.80	\$0.75	\$0.68	\$0.68	\$0.64
S302	\$0.50	\$0.56	\$0.60	\$0.66	\$0.66	\$0.68	\$0.72	\$0.69	\$0.65	\$0.58	\$0.58	\$0.55
303 Ugima®	\$0.52	\$0.58	\$0.63	\$0.68	\$0.69	\$0.71	\$0.75	\$0.71	\$0.68	\$0.61	\$0.60	\$0.56
303 Ugima® UX™	\$0.55	\$0.62	\$0.66	\$0.72	\$0.72	\$0.74	\$0.79	\$0.74	\$0.71	\$0.63	\$0.63	\$0.59
304/304L Ugima®	\$0.52	\$0.58	\$0.63	\$0.68	\$0.69	\$0.71	\$0.75	\$0.71	\$0.68	\$0.61	\$0.60	\$0.56
304Cu Ugima®	\$0.60	\$0.66	\$0.71	\$0.77	\$0.77	\$0.79	\$0.83	\$0.78	\$0.74	\$0.67	\$0.67	\$0.63
305/305HQ	\$0.60	\$0.67	\$0.74	\$0.79	\$0.80	\$0.82	\$0.88	\$0.83	\$0.78	\$0.70	\$0.70	\$0.64
308L/308H	\$0.56	\$0.63	\$0.68	\$0.74	\$0.75	\$0.77	\$0.82	\$0.77	\$0.74	\$0.66	\$0.66	\$0.61
309/309L	\$0.71	\$0.79	\$0.87	\$0.95	\$0.95	\$0.98	\$1.05	\$0.98	\$0.93	\$0.83	\$0.83	\$0.76
310/310S	\$0.89	\$1.01	\$1.12	\$1.20	\$1.21	\$1.26	\$1.35	\$1.26	\$1.19	\$1.06	\$1.05	\$0.96
312	\$0.64	\$0.71	\$0.76	\$0.85	\$0.85	\$0.88	\$0.92	\$0.87	\$0.84	\$0.74	\$0.74	\$0.69
314	\$0.92	\$1.05	\$1.16	\$1.24	\$1.25	\$1.30	\$1.40	\$1.30	\$1.23	\$1.10	\$1.08	\$0.99
316/316L/316H Ugima®	\$0.67	\$0.80	\$0.89	\$0.96	\$0.96	\$0.97	\$1.01	\$0.95	\$0.94	\$0.86	\$0.85	\$0.81
4435ICH	\$0.74	\$0.89	\$1.00	\$1.07	\$1.07	\$1.08	\$1.12	\$1.05	\$1.05	\$0.96	\$0.95	\$0.89
316LESR (4441)	\$0.79	\$0.95	\$1.06	\$1.14	\$1.14	\$1.15	\$1.20	\$1.12	\$1.11	\$1.02	\$1.01	\$0.95
317/317L	\$0.79	\$0.96	\$1.07	\$1.16	\$1.15	\$1.16	\$1.20	\$1.12	\$1.13	\$1.04	\$1.02	\$0.97
321/321H	\$0.53	\$0.60	\$0.65	\$0.70	\$0.71	\$0.73	\$0.78	\$0.73	\$0.70	\$0.62	\$0.62	\$0.58
347	\$0.53	\$0.60	\$0.65	\$0.70	\$0.71	\$0.73	\$0.77	\$0.73	\$0.70	\$0.62	\$0.62	\$0.58
630 (17-4) Ugima®	\$0.47	\$0.51	\$0.53	\$0.58	\$0.58	\$0.59	\$0.61	\$0.58	\$0.56	\$0.50	\$0.51	\$0.50
631 (17-7)	\$0.48	\$0.54	\$0.58	\$0.63	\$0.64	\$0.66	\$0.69	\$0.66	\$0.63	\$0.56	\$0.56	\$0.53
15-5	\$0.49	\$0.54	\$0.56	\$0.61	\$0.61	\$0.62	\$0.65	\$0.61	\$0.59	\$0.53	\$0.54	\$0.52
409Cb	\$0.22	\$0.23	\$0.23	\$0.26	\$0.26	\$0.26	\$0.26	\$0.26	\$0.26	\$0.23	\$0.24	\$0.25
410/416 Ugima®	\$0.23	\$0.24	\$0.24	\$0.27	\$0.28	\$0.28	\$0.27	\$0.28	\$0.27	\$0.25	\$0.25	\$0.26
4104	\$0.26	\$0.27	\$0.27	\$0.32	\$0.32	\$0.32	\$0.32	\$0.32	\$0.32	\$0.28	\$0.29	\$0.29
4116	\$0.29	\$0.32	\$0.33	\$0.37	\$0.37	\$0.37	\$0.37	\$0.36	\$0.37	\$0.33	\$0.34	\$0.34
F4122	\$0.30	\$0.33	\$0.34	\$0.39	\$0.39	\$0.39	\$0.38	\$0.37	\$0.39	\$0.35	\$0.36	\$0.36
420/420F	\$0.22	\$0.23	\$0.23	\$0.26	\$0.27	\$0.27	\$0.26	\$0.27	\$0.26	\$0.24	\$0.25	\$0.25
420 Mod (4197)	\$0.30	\$0.34	\$0.36	\$0.40	\$0.40	\$0.40	\$0.39	\$0.39	\$0.39	\$0.36	\$0.37	\$0.37
S13Cr UNS S41426	\$0.48	\$0.57	\$0.63	\$0.68	\$0.68	\$0.68	\$0.69	\$0.66	\$0.67	\$0.62	\$0.61	\$0.59
422	\$0.27	\$0.30	\$0.31	\$0.35	\$0.35	\$0.35	\$0.34	\$0.33	\$0.35	\$0.32	\$0.32	\$0.33
430/430F/430FR	\$0.26	\$0.27	\$0.27	\$0.32	\$0.32	\$0.32	\$0.32	\$0.32	\$0.32	\$0.28	\$0.29	\$0.29
431	\$0.31	\$0.33	\$0.34	\$0.38	\$0.39	\$0.39	\$0.40	\$0.39	\$0.38	\$0.34	\$0.35	\$0.34
446	\$0.29	\$0.31	\$0.32	\$0.37	\$0.37	\$0.37	\$0.36	\$0.36	\$0.37	\$0.33	\$0.34	\$0.34
434	\$0.31	\$0.34	\$0.36	\$0.41	\$0.41	\$0.41	\$0.40	\$0.39	\$0.41	\$0.37	\$0.37	\$0.38
4418	\$0.43	\$0.48	\$0.52	\$0.58	\$0.58	\$0.58	\$0.60	\$0.57	\$0.57	\$0.51	\$0.52	\$0.50
4511	\$0.26	\$0.27	\$0.27	\$0.32	\$0.32	\$0.32	\$0.32	\$0.32	\$0.32	\$0.28	\$0.29	\$0.29
904L	\$1.21	\$1.48	\$1.66	\$1.77	\$1.76	\$1.79	\$1.88	\$1.74	\$1.72	\$1.58	\$1.55	\$1.44
F45N (2205)	\$0.59	\$0.70	\$0.76	\$0.85	\$0.84	\$0.84	\$0.84	\$0.80	\$0.82	\$0.76	\$0.75	\$0.73
LeanDup™ 35N (2304)	\$0.43	\$0.47	\$0.49	\$0.56	\$0.56	\$0.57	\$0.59	\$0.57	\$0.55	\$0.49	\$0.49	\$0.47
A52N	\$0.63	\$0.74	\$0.82	\$0.91	\$0.91	\$0.90	\$0.90	\$0.86	\$0.88	\$0.81	\$0.80	\$0.78
GRADE 1	\$0.42	\$0.46	\$0.49	\$0.54	\$0.55	\$0.56	\$0.58	\$0.56	\$0.54	\$0.48	\$0.48	\$0.46
IMRE™	\$0.36	\$0.41	\$0.44	\$0.50	\$0.50	\$0.49	\$0.47	\$0.46	\$0.49	\$0.45	\$0.45	\$0.46
Nitronic 50 (XM-19)	\$0.74	\$0.87	\$0.97	\$1.05	\$1.05	\$1.06	\$1.10	\$1.03	\$1.03	\$0.94	\$0.93	\$0.88
UgiPerm™ 12FM	\$0.26	\$0.28	\$0.29	\$0.33	\$0.33	\$0.32	\$0.32	\$0.32	\$0.32	\$0.29	\$0.30	\$0.31
UGV182	\$0.36	\$0.41	\$0.44	\$0.50	\$0.50	\$0.49	\$0.47	\$0.46	\$0.49	\$0.45	\$0.45	\$0.46

*Above values include an additional electrode surcharge of \$.02 USD/LB effective January 2018 and until further notice.

Schmolz+Bickenbach reserves the right to change base values and/or add producer premiums to accurately reflect the changes in raw material markets and prices.

Element Base	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18
Nickel \$3.00	6.0284	6.4826	6.5546	6.5661	6.7641	7.2102	6.8129	6.5105	6.1663	6.0866	5.6744
Moly \$5.00	11.0025	12.1450	12.7670	12.4628	11.9525	11.3089	10.8625	12.1425	12.1000	11.9190	12.0088
Chrome \$0.40	1.1800	1.1800	1.4200	1.4200	1.4200	1.3800	1.3800	1.3800	1.2400	1.2400	1.2400
Copper \$1.00	3.2227	3.1776	3.1390	3.0659	3.0988	3.1700	2.9087	2.7679	2.7040	2.8728	2.8024
Iron \$0.054	0.1696	0.1696	0.1696	0.1741	0.1741	0.1786	0.1830	0.1786	0.1694	0.1786	0.1830
Gas \$5.00	2.7380	3.6300	2.6400	2.6910	2.8210	2.8800	2.9960	2.8221	2.8900	3.0210	3.1849

*Includes a \$0.38 /lb premium over the average LME price for Nickel