

2017 RAW MATERIAL SURCHARGES (US\$/Pound)

STAINLESS STEELS

Grade	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
S301	\$0.53	\$0.50	\$0.50	\$0.51	\$0.48	\$0.45	\$0.35	\$0.36	\$0.41	\$0.52	\$0.48	\$0.52
302/302HQ	\$0.63	\$0.59	\$0.60	\$0.61	\$0.57	\$0.53	\$0.43	\$0.45	\$0.52	\$0.64	\$0.60	\$0.66
S302	\$0.55	\$0.52	\$0.52	\$0.53	\$0.49	\$0.46	\$0.36	\$0.38	\$0.43	\$0.54	\$0.50	\$0.55
303 Ugima®	\$0.57	\$0.54	\$0.53	\$0.54	\$0.51	\$0.48	\$0.37	\$0.39	\$0.44	\$0.56	\$0.52	\$0.57
303 Ugima® UX™	\$0.60	\$0.56	\$0.56	\$0.57	\$0.54	\$0.50	\$0.40	\$0.41	\$0.47	\$0.59	\$0.55	\$0.60
304/304L Ugima®	\$0.57	\$0.54	\$0.53	\$0.54	\$0.51	\$0.48	\$0.37	\$0.39	\$0.44	\$0.56	\$0.52	\$0.57
304Cu Ugima®	\$0.63	\$0.60	\$0.60	\$0.61	\$0.57	\$0.54	\$0.43	\$0.45	\$0.51	\$0.64	\$0.60	\$0.65
305/305HQ	\$0.64	\$0.59	\$0.59	\$0.60	\$0.56	\$0.52	\$0.41	\$0.43	\$0.50	\$0.64	\$0.59	\$0.65
308L/308H	\$0.63	\$0.59	\$0.58	\$0.59	\$0.55	\$0.52	\$0.40	\$0.42	\$0.48	\$0.61	\$0.57	\$0.62
309/309L	\$0.79	\$0.73	\$0.73	\$0.74	\$0.68	\$0.63	\$0.49	\$0.51	\$0.59	\$0.77	\$0.71	\$0.79
310/310S	\$0.99	\$0.89	\$0.89	\$0.90	\$0.83	\$0.76	\$0.60	\$0.63	\$0.74	\$0.96	\$0.89	\$1.00
312	\$0.76	\$0.72	\$0.72	\$0.71	\$0.67	\$0.64	\$0.47	\$0.49	\$0.55	\$0.71	\$0.67	\$0.73
314	\$1.02	\$0.91	\$0.91	\$0.93	\$0.85	\$0.78	\$0.61	\$0.64	\$0.76	\$0.99	\$0.91	\$1.03
316/316L/316H Ugima®	\$0.66	\$0.62	\$0.63	\$0.66	\$0.64	\$0.59	\$0.46	\$0.47	\$0.56	\$0.71	\$0.65	\$0.71
4435ICH	\$0.72	\$0.67	\$0.69	\$0.72	\$0.70	\$0.64	\$0.50	\$0.51	\$0.62	\$0.78	\$0.72	\$0.79
316LESR (4441)				\$0.77	\$0.74	\$0.68	\$0.53	\$0.54	\$0.66	\$0.83	\$0.77	\$0.84
317/317L	\$0.76	\$0.72	\$0.74	\$0.78	\$0.75	\$0.69	\$0.54	\$0.55	\$0.66	\$0.83	\$0.77	\$0.84
321/321H	\$0.57	\$0.53	\$0.53	\$0.54	\$0.51	\$0.47	\$0.38	\$0.39	\$0.45	\$0.57	\$0.52	\$0.58
347	\$0.59	\$0.55	\$0.55	\$0.56	\$0.52	\$0.49	\$0.38	\$0.40	\$0.45	\$0.58	\$0.53	\$0.58
630 (17-4) Ugima®	\$0.49	\$0.48	\$0.48	\$0.49	\$0.47	\$0.45	\$0.36	\$0.37	\$0.41	\$0.50	\$0.47	\$0.50
631 (17-7)	\$0.54	\$0.51	\$0.51	\$0.51	\$0.48	\$0.46	\$0.35	\$0.37	\$0.41	\$0.53	\$0.49	\$0.53
15-5	\$0.51	\$0.50	\$0.50	\$0.51	\$0.48	\$0.46	\$0.37	\$0.39	\$0.43	\$0.52	\$0.49	\$0.52
409Cb	\$0.23	\$0.25	\$0.24	\$0.25	\$0.25	\$0.25	\$0.19	\$0.19	\$0.19	\$0.23	\$0.22	\$0.21
410/416 Ugima®	\$0.25	\$0.27	\$0.27	\$0.27	\$0.27	\$0.27	\$0.20	\$0.20	\$0.21	\$0.25	\$0.23	\$0.23
4104	\$0.31	\$0.32	\$0.32	\$0.32	\$0.32	\$0.32	\$0.23	\$0.23	\$0.23	\$0.29	\$0.27	\$0.27
4116	\$0.30	\$0.32	\$0.32	\$0.33	\$0.33	\$0.32	\$0.24	\$0.24	\$0.25	\$0.31	\$0.29	\$0.29
F4122	\$0.31	\$0.33	\$0.33	\$0.34	\$0.35	\$0.34	\$0.25	\$0.25	\$0.26	\$0.32	\$0.30	\$0.30
420/420F	\$0.24	\$0.26	\$0.25	\$0.26	\$0.26	\$0.26	\$0.19	\$0.19	\$0.20	\$0.24	\$0.22	\$0.22
420 Mod (4197)	\$0.30	\$0.31	\$0.32	\$0.33	\$0.33	\$0.32	\$0.24	\$0.24	\$0.26	\$0.32	\$0.30	\$0.30
S13Cr UNS S41426								\$0.35	\$0.40	\$0.49	\$0.46	\$0.49
422	\$0.26	\$0.28	\$0.28	\$0.29	\$0.30	\$0.29	\$0.22	\$0.22	\$0.23	\$0.28	\$0.26	\$0.26
430/430F/430FR	\$0.31	\$0.32	\$0.32	\$0.32	\$0.32	\$0.32	\$0.23	\$0.23	\$0.23	\$0.29	\$0.27	\$0.27
431	\$0.35	\$0.35	\$0.35	\$0.35	\$0.34	\$0.34	\$0.25	\$0.26	\$0.27	\$0.34	\$0.32	\$0.32
446	\$0.33	\$0.35	\$0.35	\$0.35	\$0.35	\$0.35	\$0.25	\$0.25	\$0.26	\$0.32	\$0.30	\$0.30
434	\$0.34	\$0.36	\$0.36	\$0.37	\$0.37	\$0.37	\$0.26	\$0.26	\$0.27	\$0.34	\$0.32	\$0.32
4418	\$0.44	\$0.43	\$0.43	\$0.45	\$0.44	\$0.42	\$0.32	\$0.32	\$0.37	\$0.45	\$0.42	\$0.45
4511	\$0.31	\$0.32	\$0.32	\$0.32	\$0.32	\$0.32	\$0.23	\$0.23	\$0.23	\$0.29	\$0.27	\$0.27
904L	\$1.15	\$1.05	\$1.08	\$1.13	\$1.08	\$0.97	\$0.78	\$0.81	\$1.00	\$1.26	\$1.16	\$1.31
F45N (2205)	\$0.58	\$0.58	\$0.60	\$0.61	\$0.62	\$0.58	\$0.43	\$0.43	\$0.50	\$0.62	\$0.59	\$0.61
LeanDup™ 35N (2304)	\$0.51	\$0.50	\$0.50	\$0.50	\$0.48	\$0.46	\$0.34	\$0.35	\$0.37	\$0.48	\$0.45	\$0.48
A52N	\$0.65	\$0.65	\$0.66	\$0.67	\$0.68	\$0.64	\$0.47	\$0.47	\$0.53	\$0.68	\$0.64	\$0.67
GRADE 1	\$0.47	\$0.46	\$0.46	\$0.46	\$0.44	\$0.42	\$0.32	\$0.33	\$0.36	\$0.46	\$0.43	\$0.46
IMRE™	\$0.35	\$0.38	\$0.39	\$0.40	\$0.41	\$0.40	\$0.29	\$0.29	\$0.31	\$0.38	\$0.36	\$0.36
Nitronic 50 (XM-19)	\$0.74	\$0.70	\$0.71	\$0.74	\$0.72	\$0.66	\$0.51	\$0.52	\$0.62	\$0.78	\$0.72	\$0.79
UgiPerm™ 12FM	\$0.24	\$0.26	\$0.25	\$0.26	\$0.26	\$0.26	\$0.19	\$0.19	\$0.20	\$0.24	\$0.22	\$0.25
UGV182	\$0.35	\$0.38	\$0.39	\$0.40	\$0.41	\$0.40	\$0.29	\$0.29	\$0.31	\$0.38	\$0.36	\$0.36

Stainless Steel Raw Material Surcharges are based on a one month lag with the Applied Rates and Bases for the strategic elements listed below:

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-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17
Nickel \$3.00	5.0156	5.0256	5.1666	4.8570	4.5614	4.4284	4.5536	5.0440	5.6295	5.3408	5.8530
Moly \$5.00	7.0656	7.5620	8.1223	8.8905	8.4110	7.4666	7.2313	8.1663	8.5666	8.4563	8.3963
Chrome \$0.40	1.6500	1.6500	1.5400	1.5400	1.5400	1.1000	1.1000	1.1000	1.3900	1.3900	1.3900
Copper \$1.00	2.5482	2.6810	2.6668	2.6070	2.5351	2.5616	2.6507	2.8636	3.0219	3.0154	3.1085
Iron \$0.054	0.1482	0.1438	0.1696	0.1652	0.1652	0.1652	0.1652	0.1696	0.1696	0.1518	0.1473
Gas \$5.00	3.9300	3.3910	2.6270	3.1750	3.1420	3.2360	3.0670	2.9690	2.9610	2.9740	2.7520

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