

## 2020 RAW MATERIAL SURCHARGES (US\$/Pound)

### STAINLESS STEELS

Grade	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
S301	\$0.52	\$0.54	\$0.49	\$0.46	\$0.45	\$0.49	\$0.51	\$0.51	\$0.54	\$0.60		
302/302HQ	\$0.66	\$0.68	\$0.61	\$0.57	\$0.54	\$0.59	\$0.62	\$0.64	\$0.69	\$0.76		
S302	\$0.55	\$0.57	\$0.52	\$0.49	\$0.47	\$0.51	\$0.53	\$0.54	\$0.58	\$0.63		
303 Ugima®	\$0.57	\$0.59	\$0.54	\$0.51	\$0.49	\$0.53	\$0.56	\$0.56	\$0.60	\$0.66		
303 Ugima® UX™	\$0.60	\$0.62	\$0.56	\$0.53	\$0.51	\$0.55	\$0.58	\$0.59	\$0.63	\$0.70		
304/304L Ugima®	\$0.57	\$0.59	\$0.54	\$0.51	\$0.49	\$0.53	\$0.56	\$0.56	\$0.60	\$0.66		
304Cu Ugima®	\$0.64	\$0.66	\$0.60	\$0.56	\$0.53	\$0.58	\$0.61	\$0.63	\$0.68	\$0.74		
305/305HQ	\$0.69	\$0.71	\$0.64	\$0.60	\$0.56	\$0.62	\$0.65	\$0.66	\$0.72	\$0.80		
308L/308H	\$0.63	\$0.65	\$0.59	\$0.55	\$0.53	\$0.58	\$0.61	\$0.61	\$0.66	\$0.73		
309/309L	\$0.82	\$0.84	\$0.76	\$0.71	\$0.68	\$0.74	\$0.78	\$0.79	\$0.86	\$0.95		
310/310S	\$1.08	\$1.10	\$0.99	\$0.92	\$0.86	\$0.95	\$1.00	\$1.03	\$1.13	\$1.25		
312	\$0.69	\$0.71	\$0.65	\$0.62	\$0.61	\$0.66	\$0.68	\$0.69	\$0.74	\$0.80		
314	\$1.12	\$1.15	\$1.03	\$0.95	\$0.89	\$0.98	\$1.03	\$1.07	\$1.17	\$1.30		
316/316L/316H Ugima®	\$0.76	\$0.79	\$0.76	\$0.68	\$0.62	\$0.69	\$0.71	\$0.69	\$0.74	\$0.84		
4435ICH	\$0.86	\$0.89	\$0.85	\$0.76	\$0.69	\$0.77	\$0.79	\$0.77	\$0.83	\$0.94		
316LESR (4441)	\$0.93	\$0.95	\$0.91	\$0.82	\$0.74	\$0.82	\$0.84	\$0.83	\$0.90	\$1.01		
317/317L	\$0.91	\$0.94	\$0.91	\$0.81	\$0.73	\$0.82	\$0.83	\$0.81	\$0.87	\$0.99		
321/321H	\$0.60	\$0.62	\$0.56	\$0.53	\$0.50	\$0.55	\$0.57	\$0.58	\$0.63	\$0.69		
347	\$0.60	\$0.61	\$0.56	\$0.52	\$0.50	\$0.55	\$0.57	\$0.58	\$0.62	\$0.69		
630 (17-4) Ugima®	\$0.45	\$0.47	\$0.43	\$0.41	\$0.39	\$0.43	\$0.45	\$0.46	\$0.48	\$0.52		
631 (17-7)	\$0.52	\$0.54	\$0.49	\$0.47	\$0.45	\$0.49	\$0.51	\$0.52	\$0.55	\$0.60		
15-5	\$0.48	\$0.50	\$0.46	\$0.44	\$0.42	\$0.45	\$0.48	\$0.49	\$0.51	\$0.56		
409Cb	\$0.16	\$0.17	\$0.17	\$0.17	\$0.18	\$0.19	\$0.19	\$0.18	\$0.17	\$0.18		
410/416 Ugima®	\$0.17	\$0.18	\$0.18	\$0.18	\$0.19	\$0.20	\$0.20	\$0.19	\$0.18	\$0.19		
4104	\$0.19	\$0.21	\$0.20	\$0.21	\$0.22	\$0.23	\$0.23	\$0.22	\$0.21	\$0.22		
4116	\$0.23	\$0.25	\$0.25	\$0.24	\$0.24	\$0.26	\$0.26	\$0.24	\$0.23	\$0.26		
F4122	\$0.23	\$0.25	\$0.26	\$0.25	\$0.25	\$0.27	\$0.26	\$0.24	\$0.23	\$0.25		
420/420F	\$0.16	\$0.17	\$0.17	\$0.17	\$0.18	\$0.20	\$0.20	\$0.18	\$0.17	\$0.18		
420 Mod (4197)	\$0.26	\$0.27	\$0.28	\$0.26	\$0.25	\$0.28	\$0.28	\$0.25	\$0.25	\$0.28		
S13Cr UNS S41426	\$0.50	\$0.52	\$0.52	\$0.47	\$0.42	\$0.47	\$0.47	\$0.45	\$0.47	\$0.53		
422	\$0.21	\$0.22	\$0.23	\$0.22	\$0.22	\$0.24	\$0.23	\$0.21	\$0.20	\$0.22		
430/430F/430FR	\$0.19	\$0.21	\$0.20	\$0.21	\$0.22	\$0.23	\$0.23	\$0.22	\$0.21	\$0.22		
431	\$0.27	\$0.28	\$0.27	\$0.27	\$0.27	\$0.29	\$0.30	\$0.29	\$0.29	\$0.31		
446	\$0.22	\$0.24	\$0.24	\$0.24	\$0.25	\$0.26	\$0.26	\$0.24	\$0.23	\$0.25		
434	\$0.25	\$0.26	\$0.27	\$0.26	\$0.26	\$0.29	\$0.28	\$0.25	\$0.25	\$0.27		
4418	\$0.43	\$0.45	\$0.43	\$0.40	\$0.38	\$0.42	\$0.43	\$0.41	\$0.43	\$0.48		
4511	\$0.19	\$0.21	\$0.20	\$0.21	\$0.22	\$0.23	\$0.23	\$0.22	\$0.21	\$0.22		
904L	\$1.49	\$1.53	\$1.44	\$1.29	\$1.14	\$1.28	\$1.32	\$1.32	\$1.44	\$1.64		
F45N (2205)	\$0.59	\$0.62	\$0.62	\$0.56	\$0.52	\$0.58	\$0.58	\$0.54	\$0.56	\$0.63		
LeanDup™ 35N (2304)	\$0.42	\$0.43	\$0.40	\$0.39	\$0.40	\$0.43	\$0.44	\$0.43	\$0.45	\$0.49		
A52N	\$0.64	\$0.66	\$0.67	\$0.60	\$0.57	\$0.63	\$0.62	\$0.59	\$0.62	\$0.69		
GRADE 1	\$0.43	\$0.44	\$0.41	\$0.39	\$0.39	\$0.42	\$0.43	\$0.43	\$0.45	\$0.49		
IMRE™	\$0.29	\$0.31	\$0.33	\$0.31	\$0.30	\$0.33	\$0.32	\$0.28	\$0.27	\$0.30		
Nitronic 50 (XM-19)	\$0.83	\$0.86	\$0.82	\$0.74	\$0.69	\$0.76	\$0.78	\$0.76	\$0.82	\$0.92		
UgiPerm™ 12FM	\$0.20	\$0.21	\$0.21	\$0.21	\$0.21	\$0.23	\$0.23	\$0.20	\$0.20	\$0.21		
UGV182	\$0.29	\$0.31	\$0.33	\$0.31	\$0.30	\$0.33	\$0.32	\$0.28	\$0.27	\$0.30		

\*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-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
Nickel \$3.00	6.7343	6.2514	5.9313	5.5484	5.8634	6.0989	6.2822	6.7245	7.2198			
Moly \$5.00	9.4129	10.5075	9.2013	8.1948	8.8176	8.2881	7.3563	7.3288	8.1604			
Chrome \$0.40	1.0100	1.0100	1.0100	1.1400	1.1400	1.1400	1.1400	1.1400	1.1400			
Copper \$1.00	2.8049	2.6144	2.4730	2.2255	2.3451	2.5222	2.7955	2.9282	3.0420			
Iron \$0.054	0.1339	0.1295	0.1339	0.1205	0.1384	0.1384	0.1205	0.1116	0.1250			
Gas \$5.00	2.1600	1.8780	1.8210	1.6339	1.7900	1.7219	1.4949	1.8500	2.5800			

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