

ACS Industries, Inc.  
**Raw Material Surcharge Policy**  
**Monthly Surcharge Calculations**  
For Orders Shipped: Nov. 01 - 30, 2019



Alloy	Ni -Nickel	Cr -Chrome	Fe - Iron	Moly	Ti - Titanium	Cu - Copper	Al - Aluminum	Surcharge Sub Total	6% Scrap Factor	Energy Surcharge	Total Raw Material Surcharge / Lb.
Base Price/Lb.	\$ 2.000	\$ 0.350	\$ 0.064	\$ 3.000	\$ 8.500	\$ 0.750	\$ 0.650				
Current Price/Lb.	\$ 7.835	\$ 1.020	\$ 0.130	\$ 11.885	\$ 10.325	\$ 2.597	\$ 0.794				
Surcharge Applied	\$ 5.835	\$ 0.670	\$ 0.066	\$ 8.885	\$ 1.825	\$ 1.847	\$ 0.144				
304L	% / Lb. 9.25%	19.00%	68.60%	0.00%	0.00%	0.00%	0.00%				
	\$ / Lb. \$ 0.540	\$ 0.127	\$ 0.046	\$ -	\$ -	\$ -	\$ -	\$ 0.713	\$ 0.043	\$ 0.039	\$ 0.794
309 SS	% / Lb. 13.50%	23.00%	60.20%	0.00%	0.00%	0.00%	0.00%				
	\$ / Lb. \$ 0.788	\$ 0.154	\$ 0.040	\$ -	\$ -	\$ -	\$ -	\$ 0.982	\$ 0.059	\$ 0.039	\$ 1.080
310 SS	% / Lb. 20.50%	25.00%	50.70%	0.00%	0.00%	0.00%	0.00%				
	\$ / Lb. \$ 1.196	\$ 0.168	\$ 0.034	\$ -	\$ -	\$ -	\$ -	\$ 1.397	\$ 0.084	\$ 0.039	\$ 1.520
316 SS	% / Lb. 12.00%	17.00%	65.40%	2.50%	0.00%	0.00%	0.00%				
	\$ / Lb. \$ 0.700	\$ 0.114	\$ 0.043	\$ 0.222	\$ -	\$ -	\$ -	\$ 1.080	\$ 0.065	\$ 0.039	\$ 1.183
316 Ti	% / Lb. 12.00%	17.00%	65.40%	2.50%	0.70%	0.00%	0.00%				
	\$ / Lb. \$ 0.700	\$ 0.114	\$ 0.043	\$ 0.222	\$ 0.013	\$ -	\$ -	\$ 1.092	\$ 0.066	\$ 0.039	\$ 1.197
321 SS	% / Lb. 10.50%	18.00%	67.80%	0.00%	0.00%	0.00%	0.00%				
	\$ / Lb. \$ 0.613	\$ 0.121	\$ 0.045	\$ -	\$ -	\$ -	\$ -	\$ 0.778	\$ 0.047	\$ 0.039	\$ 0.864
409 SS	% / Lb. 0.50%	11.70%	87.30%	0.00%	0.50%	0.00%	0.00%				
	\$ / Lb. \$ 0.029	\$ 0.078	\$ 0.058	\$ -	\$ 0.009	\$ -	\$ -	\$ 0.175	\$ 0.010	\$ 0.039	\$ 0.224
430 SS	% / Lb. 0.00%	17.00%	80.80%	0.00%	0.00%	0.00%	0.00%				
	\$ / Lb. \$ -	\$ 0.114	\$ 0.054	\$ -	\$ -	\$ -	\$ -	\$ 0.168	\$ 0.010	\$ 0.039	\$ 0.217
A286	% / Lb. 25.50%	14.75%	53.50%	1.38%	0.00%	0.00%	0.00%				
	\$ / Lb. \$ 1.488	\$ 0.099	\$ 0.036	\$ 0.123	\$ -	\$ -	\$ -	\$ 1.745	\$ 0.105	\$ 0.039	\$ 1.889
439 SS (DIN 1.4510)	% / Lb. 0.50%	18.00%	80.70%	0.00%	0.65%	0.00%	0.15%				
	\$ / Lb. \$ 0.029	\$ 0.121	\$ 0.054	\$ -	\$ 0.012	\$ -	\$ 0.000	\$ 0.215	\$ 0.013	\$ 0.039	\$ 0.267
441 SS (DIN 1.4509)	% / Lb. 0.00%	18.00%	81.65%	0.00%	0.35%	0.00%	0.00%				
	\$ / Lb. \$ -	\$ 0.121	\$ 0.054	\$ -	\$ 0.006	\$ -	\$ -	\$ 0.181	\$ 0.011	\$ 0.039	\$ 0.231
Al	% / Lb. 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%				
	\$ / Lb. \$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.144	\$ 0.144	\$ 0.009	\$ 0.039	\$ 0.191
Carp 20	% / Lb. 35.00%	20.00%	34.85%	2.50%	0.00%	3.50%	0.00%				
	\$ / Lb. \$ 2.042	\$ 0.134	\$ 0.023	\$ 0.222	\$ -	\$ 0.065	\$ -	\$ 2.486	\$ 0.149	\$ 0.039	\$ 2.674
Cu	% / Lb. 0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%				
	\$ / Lb. \$ -	\$ -	\$ -	\$ -	\$ -	\$ 1.847	\$ -	\$ 1.847	\$ 0.111	\$ 0.039	\$ 1.997
Inc 600	% / Lb. 72.00%	15.50%	9.60%	0.00%	0.00%	0.00%	0.00%				
	\$ / Lb. \$ 4.201	\$ 0.104	\$ 0.006	\$ -	\$ -	\$ -	\$ -	\$ 4.311	\$ 0.259	\$ 0.039	\$ 4.609
Inc 601	% / Lb. 60.50%	23.00%	11.90%	0.00%	0.00%	0.25%	0.00%				
	\$ / Lb. \$ 3.530	\$ 0.154	\$ 0.008	\$ -	\$ -	\$ 0.005	\$ -	\$ 3.697	\$ 0.222	\$ 0.039	\$ 3.957
Monel 400	% / Lb. 66.00%	0.00%	2.50%	0.00%	0.00%	31.00%	0.00%				
	\$ / Lb. \$ 3.851	\$ -	\$ 0.002	\$ -	\$ -	\$ 0.573	\$ -	\$ 4.425	\$ 0.266	\$ 0.039	\$ 4.730
Ni200	% / Lb. 99.50%	0.00%	0.25%	0.00%	0.00%	0.05%	0.00%				
	\$ / Lb. \$ 5.805	\$ -	\$ 0.000	\$ -	\$ -	\$ 0.001	\$ -	\$ 5.807	\$ 0.348	\$ 0.039	\$ 6.194
Phos. Bronze	% / Lb. 0.00%	0.00%	0.00%	0.00%	0.00%	95.00%	0.00%				
	\$ / Lb. \$ -	\$ -	\$ -	\$ -	\$ -	\$ 1.755	\$ -	\$ 1.755	\$ 0.105	\$ 0.039	\$ 1.899
SnCu	% / Lb. 0.00%	0.00%	0.00%	0.00%	0.00%	98.00%	0.00%				
	\$ / Lb. \$ -	\$ -	\$ -	\$ -	\$ -	\$ 1.810	\$ -	\$ 1.810	\$ 0.109	\$ 0.039	\$ 1.958

**Surcharge Policy Notes & Citations:**

1. Base Price / Lb. is an approximation of a commodity's price on metal exchanges in the Policy's base year, 2003. This is the price ACS factors into product costing and quotations.
2. Current Price / Lb. is the material's trailing two-month's (i.e. November calculations use September's closing spot averages) on metal exchanges. The Base Price / Lb. is subtracted from this number to calculate the surcharge component applied to indiv
3. ACS factors 6% total scrap on raw material - 3% for wire processing and 3% for finished goods fabrication.
4. Total Surcharge / Lb. equals the Surcharge Sub Total plus the Scrap Factor and is the value applied to individual part weights.
5. For the trailing two months' London Metal Exchange averages used for Nickel, Chrome, Iron and Moly, please visit:  
[http://www.aksteel.com/markets\\_products/stainless\\_surcharges.asp](http://www.aksteel.com/markets_products/stainless_surcharges.asp)
6. For the trailing two months' New York Mercantile Exchange averages used for Copper, please visit:  
[http://www.nymex.com/cop\\_fut\\_histspot.aspx](http://www.nymex.com/cop_fut_histspot.aspx)
7. For the trailing two months' New York Mercantile Exchange averages used for Aluminum please visit:  
[http://www.nymex.com/alu\\_fut\\_histspot.aspx](http://www.nymex.com/alu_fut_histspot.aspx)