



**HYDRO**

**Macro multi port extrusions tubes available alloys in North America**

Composition in weight percent maximum unless shown as range or a minimum

Alloy	Al	Si	Fe	Mg	Mn	Cu	Zn	Cr	Ti	Other
1060	Min.99.6	.25	.35	.03	.03	.05	.05	-	.03	.03
HA1197	remainder	.1	.18	.03	.2	.47	.04	.05	.03	.15
1235	Min.99.35	.65 Si + Fe		.05	.05	.05	.1	-	.06	.03
3003	remainder	.6	.7	-	1.0 – 1.5	.05 - .2	.1	-	-	.15
3102	remainder	.4	.7	-	.5 - .4	.1	.3	-	.1	.15
6063	remainder	.2 - .6	.35	.45 - .9	.1	.1	.1	.1	.1	.15
HA9048	Long Life Alloy									