

**UNS Designations of 218 Copper Alloys –**

***Antimicrobial Copper Alloys Group I - Nominal Cu range: 95.2 to 99.99 %w***

<b>UNS No.</b>	<b>%Cu</b>	<b>UNS No.</b>	<b>%Cu</b>	<b>UNS No.</b>	<b>%Cu</b>	<b>UNS No.</b>	<b>%Cu</b>
C10100	99.99	C13600	99.99	C17200	98.1	C19419	96.7
C10200	99.95	C13700	99.99	C17400	98.82	C19450	96.2
C10300	99.99	C14180	99.9	C17410	98.6	C19500	97.0
C10400	99.95	C14181	99.9	C17420	99.6	C19600	98.6
C10500	99.95	C14200	99.7	C17450	98.7	C19700	99.0
C10700	99.95	C14210	99.20	C17460	98.5	C19710	99.6
C10800	99.99	C14300	99.90	C17500	96.9	C19720	99.6
C10900	99.99	C14310	99.90	C17510	97.8	C19750	98.6
C10910	99.95	C14400	99.90	C17520	98.6	C19800	97.3
C10920	99.9	C14410	99.8	C17530	96.0	C19900	96.9
C10930	99.9	C14415	99.9	C17600	97.2	C19910	96.6
C10940	99.9	C14420	99.9	C17700	97.0	C20500	97.0-98.0
C11000	99.96	C14430	99.7	C18620	99.4	C40400	97.0
C11010	99.9	C14440	99.96	C18625	99.4	C40410	97.0
C11020	99.9	C14500	99.5	C18660	99.7	C40810	95.5
C11025	99.9	C14510	99.5	C18661	99.6	C40820	96.6
C11030	99.9	C14520	99.5	C18665	99.3	C40850	95.5
C11040	99.9	C14530	99.97	C18835	99.2	C50100	99.4
C11045	99.9	C14700	99.6	C18900	98.7	C50150	99.0
C11100	99.96	C14710	99.9	C18910	99.5	C50200	98.8
C11300	99.96	C14750	99.163	C18980	98.0	C50500	98.7
C11400	99.96	C15000	99.8	C19000	98.6	C50580	98.5
C11500	99.96	C15100	99.8	C19002	97.4	C50590	98.0
C11600	99.96	C15150	99.90	C19010	98.4	C50700	98.3
C11700	99.9	C15500	99.8	C19015	98.1	C50705	98.0
C11900	99.3	C15600	99.6	C19020	98.0	C50510	98.3
C11904	99.90	C15650	99.9	C19022	98.7	C50710	97.8
C11905	99.90	C15710	99.71	C19024	99.9	C50715	97.9
C11907	99.90	C15715	99.7	C19025	98.0	C50725	95.6
C12000	99.99	C15720	99.6	C19027	97.0	C50780	97.8
C12100	99.99	C15725	99.5	C19030	97.1	C50800	97.0
C12200	99.98	C15730	98.94	C19040	96.1	C50900	96.7
C12210	99.98	C15735	99.24	C19050	95.2	C51100	95.6
C12220	99.95	C15750	98.56	C19170	96.8	C51180	95.5
C12300	99.98	C15760	98.8	C19200	99.0	C51190	95.2
C12500	99.9	C15780	98.10	C19210	99.9	C52600	96.6
C12510	99.9	C15790	97.68	C19215	97.5	C60700	95.6
C12700	99.88	C15815	98.4	C19220	99.5	C63400	96.7
C12800	99.76	C15900	97.51	C19240	97.5	C64700	95.6
C12900	99.9	C16200	99.0	C19250	95.8	C64710	95.8
C13100	99.8	C16210	99.15	C19260	99.0	C64720	97.4
C13150	99.5	C16400	99.8	C19280	97.9	C64725	96.0
C13400	99.99	C16500	98.6	C19400	97.4	C64740	95.6
C13500	99.99	C17000	98.3	C19410	97.1	C64745	96.8

**Group I Continued**

<b>UNS No.</b>	<b>%Cu</b>	<b>UNS No.</b>	<b>%Cu</b>
C64750	97.2	C70370	95.8
C64760	97.0	C70275	97.3
C64770	96.2	C80100	99.95
C64900	97.6	C80300	99.95
C65100	98.5	C80410	99.9
C65300	97.7	C80500	99.75
C65500	97.0	C80700	99.75
C65600	96.6	C80900	99.70
C70100	96.5	C81100	99.7
C70200	97.5	C81200	99.95
C70230	95.2	C81300	98.5
C70240	96.1	C81800	95.6
C70250	96.1	C82000	96.8
C70252	95.3	C82100	95.5
C70260	97.6	C82200	97.9
C70265	97.0	C82400	97.8
C70270	96.3	C82500	97.2
C70280	97.0	C82510	96.6
C70290	95.8	C82600	96.8
C70310	96.6	C82700	96.3
C70350	96.3	C82800	97.0

**UNS Designations of 100 Copper Alloys –**

***Antimicrobial Copper Alloys Group II - Nominal Cu range: 86.0 to 96.0 %w***

UNS No.	%Cu	UNS No.	%Cu	UNS No.	%Cu	UNS No.	%Cu
C19300	92.0-94.0	C51800	94.8	C64210	91.6	C83460	88.75
C19810	94.8	C51900	93.8	C64250	93.5	C83470	90.0-96.0
C21000	95.0	C51980	93.5	C64400	90.4	C87300	94.5
C22000	90.0	C52100	92.0	C64727	96.0	C87600	91.5
C22600	87.5	C52180	91.8	C64728	94.8	C87610	92.5
C40500	95.0	C52400	90.0	C64730	94.6	C87700	91.3
C40800	94.0-96.0	C52480	89.6	C64780	94.5	C89320	89.0
C40860	94.8	C52900	90.3	C64785	88.1	C89833	88.5
C40950	93.0	C55180	95.0	C64800	93.76	C90280	88.5
C41000	92.0	C55181	92.8	C65620	90.0	C90400	86.0-89.0
C41100	90.5	C55280	91.0	C65800	96.0	C90410	86.0-89.0
C41110	92.0	C55281	89.0	C66200	88.8	C90420	86.0-89.0
C41120	90.5	C55282	88.3	C69200	89.0-91.0	C90430	87.5
C41125	88.5	C60600	94.5	C70300	94.8	C94700	87.5
C41300	91.0	C61000	92.0	C70400	92.4	C95200	87.7
C41500	91.0	C61200	92.0	C70500	93.2	C95210	87.8
C42000	89.5	C61300	90.3	C70600	88.6	C95300	89.0
C42100	87.5-89.0	C61400	91.0	C70610	87.3	C95430	88.8
C42200	87.5	C61500	90.0	C70620	88.0	C95600	90.3
C42210	87.5	C61550	92.0	C70690	90.0	C96200	88.6
C42220	89.5	C61800	89.0	C70700	90.0	C99400	89.9
C42500	88.5	C61810	89.3	C70800	88.5	C99500	87.2
C42520	89.8	C63700	90.8	C72500	88.2		
C42600	88.5	C63800	95.0	C72600	91.0-93.0		
C51000	94.8	C63900	90.7	C72650	87.5		
C51080	94.5	C64200	91.2	C81700	94.2		

## UNS Designations of 76 Copper Alloys –

### *Antimicrobial Copper Alloys Group III - Nominal Cu range: 75.9 to 88.0 %w*

UNS No.	%Cu	UNS No.	%Cu	UNS No.	%Cu
C23000	85.0	C63000	82.0	C87500	79.0
C23030	84.5	C63010	82.0	C87710	84.0
C23400	82.5	C63020	79.7	C87800	80.0
C24000	80.0	C63200	82.0	C89510	87.0
C43000	85.5	C63230	75.9-84.4	C89520	86.0
C43400	84.0-87.0	C63280	80.3	C89537	85.0
C43500	81.0	C66300	86.0	C89835	87.0
C43600	81.5	C66400	86.5	C89842	79.0
C43800	79.0-82.0	C66410	86.5	C89845	82.5-87.5
C55283	86.8	C66420	84.2	C95220	86.8
C55284	80.0	C66430	84.4	C95400	83.2
C55385	86.7	C66500	80.0-82.0	C95410	82.7
C55386	83.0	C66908	83.7	C95420	85.2
C61600	82.9	C66930	80.04	C95500	80.0
C61900	86.5	C69100	82.5	C95510	82.0
C62000	86.5	C69150	82.5-87.5	C95520	79.2
C62200	84.8	C69250	82.0	C95800	81.0
C62300	87.0	C70900	85.0	C95810	79.0
C62400	86.0	C71000	79.0	C95820	79.2
C62500	82.7	C72660	85.655	C95900	83.3
C62580	83.5	C72700	84.8	C96300	81.9
C62581	82.5	C72800	82.0	C96800	81.6
C62582	81.5	C84000	83.0-88.0	C96950	79.1
C62600	82.9	C84010	83.0-88.0	C96970	85.0
C62730	80.3	C84020	83.0-88.0		
C62800	80.7	C84030	85.5		

## UNS Designations of 54 Copper Alloys –

### *Antimicrobial Copper Alloys Group IV - Nominal Cu range: 68.2 to 78.0 %w*

UNS No.	%Cu	UNS No.	%Cu	UNS No.	%Cu
C25000	74.0-76.0	C66913	73.4	C73100	73.75
C25600	72.0	C66915	73.1	C73200	74.5
C26000	70.0	C66925	68.9	C71590	70.0
C26100	68.5-71.5	C66950	69.8	C72900	77.0
C26130	70.0	C68700	77.5	C72950	73.9
C26200	68.5	C68800	73.5	C73500	72.0
C44200	70.0-73.0	C69000	72.0-74.5	C73800	68.5-71.6
C44250	74.5	C69050	72.5	C74000	69.0-73.5
C44300	71.0	C69220	69.0-71.0	C87845	75.0-78.0
C44400	71.0	C69230	71.5	C87850	76.0
C44500	71.0	C69300	75.0	C87860	77.0
C49360	74.3	C69310	76.5	C87870	77.0
C55285	76.0	C71100	77.0	C95700	73.2
C61700	74.5	C71110	77.5	C95710	74.5
C63300	76.1	C71300	75.0	C95720	73.0
C63380	74.6	C71500	69.5	C96400	68.2
C66700	70.0	C71580	69.0	C96900	76.8
C66910	76.4	C71581	68.9	C99300	71.3

**UNS Designations of 19 Copper Alloys –**

***Antimicrobial Copper Alloys Group V - Nominal Cu range: 63.0 to 69.0 %w***

UNS No.	%Cu
C26800	66.3
C27000	65.8
C45450	65.0-66.0
C45470	66.5
C49355	63.0-69.0
C66920	68.0
C68900	65.0-67.0
C71520	67.7
C71630	67.3
C71640	65.0
C71700	67.8
C74500	65.0
C75200	65.0
C75700	65.0
C89940	66.0
C96600	67.4
C96700	67.1

**UNS Designations of 43 Copper Alloys –**

***Antimicrobial Copper Alloys Group VI - Nominal Cu range: 58.0 to 65.0 %w***

UNS No.	%Cu	UNS No.	%Cu
C27200	63.5	C71600	63.8
C27400	62.5	C74300	64.5
C28000	61.0	C74400	64.0
C28300	58.0-62.0	C75720	60.0-65.0
C28310	58.0-62.0	C76400	60.0
C28320	58.0-62.0	C85450	60.0-64.0
C28330	60.0	C85470	62.5
C44750	63.55	C85550	61.5
C46210	61.0-64.0	C85900	58.0-62.0
C46250	63.5	C85910	58.0-62.0
C49350	62.0	C85920	58.0-62.0
C49250	60.0	C85930	60.0
54C49260	60.5	C86350	60.0-64.0
C49300	60.0	C89550	61.0
C49340	61.5	C89560	60.0
C66850	60.0-64.0	C89570	60.5
C66900	63.5	C89580	60.5
C68300	61.0	C89720	63.0
C68400	61.5	C99710	64.9
C68410	61.5	C99760	64.0
C68350	61.5	C99761	60.0
		C99780	64.0