

Aufhauser Silver Brazing Alloys Reference Guide

A v a i l a b l e S p e c i f i c a t i o n s

Product name	AMS	AWS A5.8	BS 1845	DIN 8513	Federal QQ-B-654A ⁽¹⁾	ISO 3677	NFA 81-362	Handy & Harman	JW Harris
PhosCopper SilverAlloys									
PhosCopper 0	-	BCuP-2	CP 3	L-Cu P 7	BCuP-2 ⁽²⁾	B Cu 93P 710-820	07 B1	Fos-Flo 7	Harris 0
PhosCopper 2	-	BCuP-6	CP 2	L-Ag 2 P	-	B Cu 92P Ag 645-800	06 B1	Sil-Fos 2	Stay-Silv 2
PhosCopper 5	-	BCuP-3	CP 4	L-Ag 5 P	BCuP-3 ⁽²⁾	B Cu 89P Ag 645-780	06 B2	Sil-Fos 5	Stay-Silv 5
PhosCopper 5F	-	BCuP-7	-	-	-	B Cu 89P Ag 645-770	-	Sil-Fos 5HP	Stay-Silv 5HP
PhosCopper 6D	-	-	-	-	-	-	-	-	Dynaflow
PhosCopper 6F	-	BCuP-4	-	-	BCuP-4 ⁽²⁾	-	-	Sil-Fos 6	Stay-Silv 6HP
PhosCopper 15	-	BCuP-5	-	L-Ag 15 P	BCuP-5	B Cu 80 Ag P 645-770	05 B1	Sil-Fos	Stay-Silv 15
PhosCopper 18M	-	-	-	-	-	-	-	Not Available	Not Available
Cadmium Bearing SilverAlloys									
SilverAlloy Cd-20	-	-	-	-	-	-	-	-	Not Available
SilverAlloy Cd-25	-	BAG-27	-	-	-	-	-	Easy-Flo 25	Not Available
SilverAlloy Cd-25L	-	BAG-33	-	L-Ag 25 Cd	-	B Cu 33 Zn Ag Cd 605-720	-	-	Not Available
SilverAlloy Cd-30	-	BAG-2a	AG 12	L-Ag 30 Cd	-	B Ag 30 Cd Zn Cu 600-690	30 A1	Easy-Flo 30	Not Available
SilverAlloy Cd-35	4768	BAG-2	-	-	VIII	B Ag 35 Cd Zn Cu 610-700	35 A1	Easy-Flo 35	Not Available
SilverAlloy Cd-45	4769	BAG-1	-	L-Ag 45 Cd	VII	B Ag 45 Cd Zn Cu 620-635	45 A1	Easy-Flo 45	Not Available
SilverAlloy Cd-50	4770	BAG-1a	AG 1	L-Ag 50 Cd	IV	B Ag 50 Cd Zn Cu 620-640	50 A1	Easy-Flo 50	Not Available
SilverAlloy Cd-50Ni3	4771	BAG-3	AG 9	-	V	B Ag 50 Cd Zn Ni 635-685	50 A2	Easy-Flo 3	Not Available
Cadmium Free SilverAlloys									
SilverAlloy A-5	-	-	-	-	-	-	-	-	-
SilverAlloy A-9	-	-	-	-	-	-	-	-	-
SilverAlloy A-20	-	-	-	-	-	-	-	-	-
SilverAlloy A-25	-	-	-	-	-	-	-	-	-
SilverAlloy A-25T	-	BAG-37	-	L-Ag-25Sn	-	B Cu 40Zn Ag Sn 680-760	25 A2	Braze 255	Safety-Silv 25
SilverAlloy A-30	-	BAG-20	-	L-Ag 30	BAG-20	B Cu 38Zn Ag 650-750	-	Braze 300	Safety-Silv 30
SilverAlloy A-35	-	BAG-35	-	-	-	B Ag 35 Zn Cu 680-750	-	-	Safety-Silv 35
SilverAlloy A-38T	4761	BAG-34	-	-	-	B Ag 38 Cu Zn Sn 650-720	-	Braze 380	Safety-Silv 38T
SilverAlloy A-40	-	-	-	-	-	-	-	-	-
SilverAlloy A-40Ni2	-	BAG-4	-	-	BAG-4	B Ag 40 Cu Zn Ni 670-780	-	Braze 403	Safety-Silv 40N2
SilverAlloy A-40Ni5	-	-	-	-	-	-	-	Braze 404	Safety-Silv 40N5
SilverAlloy A-40L	-	-	-	-	-	-	-	-	-
SilverAlloy A-40T	-	BAG-28	-	L-Ag 40Sn	-	B Ag 40 Cu Zn Sn 640-680	-	Braze 402	Safety-Silv 40T
SilverAlloy A-45	-	BAG-5	-	-	BAG-5	B Ag 45 Zn Cu 660-740	45 A2	Braze 450	Safety-Silv 45
SilverAlloy A-45T	-	BAG-36	-	L-Ag 45Sn	-	B Ag 45 Cu Zn Sn 640-680	-	Braze 452	Safety-Silv 45T
SilverAlloy A-49NM	-	BAG-22	AG 18	L-Ag 49	BAG-22	B Ag 49 Zn Cu Mn Ni 625-705	-	-	-
SilverAlloy A-50	-	BAG-6	-	-	-	-	-	Braze 501	Safety-Silv 50
SilverAlloy A-50Ni2	4788	BAG-24	-	-	-	B Ag 50 ZnCu Ni 660-750	-	Braze 505	Safety-Silv 50N
SilverAlloy A-50T	-	-	-	-	-	-	-	-	-
SilverAlloy A-54Ni1	4772	BAG-13	-	-	-	-	-	Braze 541	Safety-Silv 54
SilverAlloy A-56T	4763	BAG-7	AG 20	-	BAG-7	B Ag 56 Cu Zn Sn 620-650	56 A1	Braze 560	Safety-Silv 56
SilverAlloy A-60	-	-	-	-	-	-	-	-	-
SilverAlloy A-65	-	BAG-9	-	-	BAG-9	B Ag 65 Zn Cu 670-720	63 A1	Braze 650	Safety-Silv 65
SilverAlloy A-70	-	BAG-10	-	-	BAG-10	-	-	Braze 700	Safety-Silv 70
SilverAlloy A-75	-	-	-	-	-	-	-	-	-
Cd/Zn Free SilverAlloys									
SilverAlloy B-7T	-	-	-	-	-	-	-	Braze 852	Safety-Silv 85
SilverAlloy B-56Ni2	4765	BAG-13a	-	-	BAG-13a	B Ag 60 Cu Sn 600-720	60 A1	Braze 603	Safety-Silv 60T
SilverAlloy B-60T	4773	BAG-18	-	-	BAG-18	-	-	-	-
SilverAlloy B-72	-	BAG-8	-	-	-	-	-	-	-
SilverAlloy B-72Ni05	-	-	-	-	-	-	-	Braze 559	Safety-Silv 56N
SilverAlloy Z-75	-	-	-	-	-	-	-	Braze 630	Safety-Silv 63T
SilverAlloy Z-85M	4776	BAG-23	-	-	BAG-23	-	-	-	-
Layered SilverAlloys									
Layermet A-40Ni2	-	-	-	-	-	-	-	Trimet 201	Ag Clad 40Ni2
Layermet A-40Ni5	-	-	-	-	-	-	-	Trimet 202	-
Layermet A-50Ni2	-	-	-	-	-	-	-	Trimet 259	-
Layermet Cd-50Ni3	-	-	-	-	-	-	-	Trimet 258	-

⁽¹⁾ QQ-B-650C, QQ-B-654, QQ-S-561D, MIL-B-15395 Superseded by QQB-654A.

⁽²⁾ QQ-B-650B Superseded by AWS A5.8.