


Delivery form
Dimensions

500 mm rods, 1 kg fabrication rings,
 wire on spools, solder formed parts
 flux coated according to DIN EN 1045 - FH10 standard
 coating: from 1.5 mm diameter, white, printed with
 diameter, batch and alloy

1.0 mm
 1.5 mm
 2.0 mm
 3.0 mm



Article description	DIN EN ISO 17672	Composition (Weight-%)					Working-temperature	Tensile strength (N/mm ²)	Density (g/cm ³)	For brazing the following base materials
		Ag	Cu	Zn	Ni	Rest				
AG 207 (L-Ag12)	Ag 212	12	48	40	-	-	830	400	8,5	Steel, copper, copper alloys, nickel, nickel alloys, malleable cast iron
AG 206 (L-Ag20)	BCu44ZnAg(Si) ISO 3677	20	45	35	-	-	810	400	8,7	
AG 205 (L-Ag25)	Ag 225	25	40	35	-	-	780	400	8,8	heat resistant up to 300 °C
AG 203 (L-Ag44)	Ag 244	44	30	26	-	-	730	450	9,1	Steel, copper, copper alloys, nickel, nickel alloys, malleable cast iron
AG 107 (L-Ag30Sn)	Ag 130	30	36	32	-	2 Sn	740	430	8,8	
AG 106 (L-Ag34Sn)	Ag 134	34	36	27,5	-	2,5 Sn	710	430	9,0	heat resistant up to 200 °C
AG 105 (L-Ag40Sn)	Ag 140	40	30	28	-	2 Sn	690	400	9,1	
AG 104 (L-Ag45Sn)	Ag 145	45	27	25,5	-	2,5 Sn	670	400	9,2	
AG 102 (L-Ag55Sn)	Ag 156	56	22	17	-	5 Sn	650	400	9,4	conditionally for stainless steel
Ag 502 (L-Ag49)	Ag 449	49	16	23	7,5	4,5 Mn	690	300	8,9	Carbide on steel, tungsten and molybdenum materials
Ag 401 (L-Ag72)	Ag 272	72	28	-	-	-	780	340	10,0	Steel, stainless steel, Copper, nickel and nickel alloys
Ag 403 (L-Ag56InNi)	B-Ag56CuInNi ISO 3677	56	26	-	4	14 In	730	300	9,5	

FELDER - Copper and silver brazing alloys - Hand packs

Hand packs for retail sale of copper and silver brazing rods in practical plastic quiver with hanging loop.



Art.-No.	Article description	Content	Packing	PU
330120502	Copper brazing alloy Cu-Rophos 94, CuP179, 2.0 mm square 500 mm rods	5 rods	in plastic quiver	10 pc
333120502	Copper brazing alloy Cu-Rophos 2, CuP279, 2.0 mm square 500 mm rods	5 rods	in plastic quiver	10 pc
333320502	Copper brazing alloy Cu-Rophos 5, CuP281, 2.0 mm square 500 mm rods	5 rods	in plastic quiver	10 pc
334020502	Copper brazing alloy Cu-Rophos 15, CuP284, 2.0 mm square 500 mm rods	5 rods	in plastic quiver	10 pc
343120502	Silver brazing alloy AG-106 (Ag34Sn), 2.0 mm Ø, 500 mm bare rods	5 rods	in plastic quiver	10 pc
34312050901	Silver brazing alloy AG-106 (Ag34Sn), 2.0 mm Ø, 500 mm flux-coated rods	5 rods	in plastic quiver	10 pc
344220502	Silver brazing alloy AG-105 (Ag40Sn), 2.0 mm Ø, 500 mm bare rods	5 rods	in plastic quiver	10 pc
34422050903	Silver brazing alloy AG-105 (Ag40Sn), 2.0 mm Ø, 500 mm flux-coated rods	5 rods	in plastic quiver	10 pc
344720501	Silver brazing alloy AG-104 (Ag45Sn), 2.0 mm Ø, 500 mm bare rods	5 rods	in plastic quiver	10 pc
34472050903	Silver brazing alloy AG-104 (Ag45Sn), 2.0 mm Ø, 500 mm flux-coated rods	5 rods	in plastic quiver	10 pc
345520502	Silver brazing alloy AG-102 (Ag55Sn), 2.0 mm Ø, 500 mm bare rods	5 rods	in plastic quiver	10 pc
34552050902	Silver brazing alloy AG-102 (Ag55Sn), 2.0 mm Ø, 500 mm flux-coated rods	5 rods	in plastic quiver	10 pc

Other alloys and dimensions available upon request.

FELDER - Laminated film solder AG 502 (L-Ag49Cu)

Low-melting silver brazing alloy with copper interlayer for brazing carbides to tool steel

The copper layer serves to reduce the stresses occurring in the solder joint due to the greatly differing expansion coefficients of the materials carbide and steel.

For these applications we recommend our flux for silver brazing alloys "CuFe No. 1 Special".

Article description and properties	Delivery form	Belt thickness
AG 502 (L-Ag49Cu) Working temperature: 690 °C Continuous operating temperature: 200 °C Tensile strength of braze: min. 340 N/mm ²	Belts up to max. 70 mm width, molded parts as plates or discs	0.2 mm 0.3 mm 0.4 mm