

Copper brazing alloy Cu-Rophos® 94 / Cu-Rophos® 2

For flux-free soldering of copper-copper joints
in oil, gas and liquefied gas installations as well as in the heating
and drinking water installations over 28 x 1.5 mm pipe dimensions

DIN EN ISO 17672, CuP 179; (L-CuP6, DIN 8513) / DIN EN ISO 17672, CuP 279; (L-Ag2P, DIN 8513) according to DVGW worksheet GW2

Cu-Rophos® 94

Art.-no.	Dimension	PU	Delivery form
330115501	1.50 mm square x 500 mm	25.0 kg	1.0 kg box
330120501	2.00 mm square x 500 mm	25.0 kg	1.0 kg box
330130501	3.00 mm square x 500 mm	25.0 kg	1.0 kg box

Cu-Rophos® 2

Art.-no.	Dimension	PU	Delivery form
333115501	1.50 mm square x 500 mm	25.0 kg	1.0 kg box
333120501	2.00 mm square x 500 mm	25.0 kg	1.0 kg box
333130501	3.00 mm square x 500 mm	25.0 kg	1.0 kg box



Copper brazing alloy Cu-Rophos® 5 / Cu-Rophos® 15

For brazing of copper tubes in refrigeration and air conditioning

DIN EN ISO 17672, CuP 281; (L-Ag5P, DIN 8513) / DIN EN ISO 17672, CuP 284; (L-Ag15P, DIN 8513) according to DVGW worksheet GW2

Cu-Rophos® 5

Art.-No.	Dimension	PU	Delivery form
33331550	1.50 mm square x 500 mm	25.0 kg	1.0 kg box
33332050	2.00 mm square x 500 mm	25.0 kg	1.0 kg box
33333050	3.00 mm square x 500 mm	25.0 kg	1.0 kg box

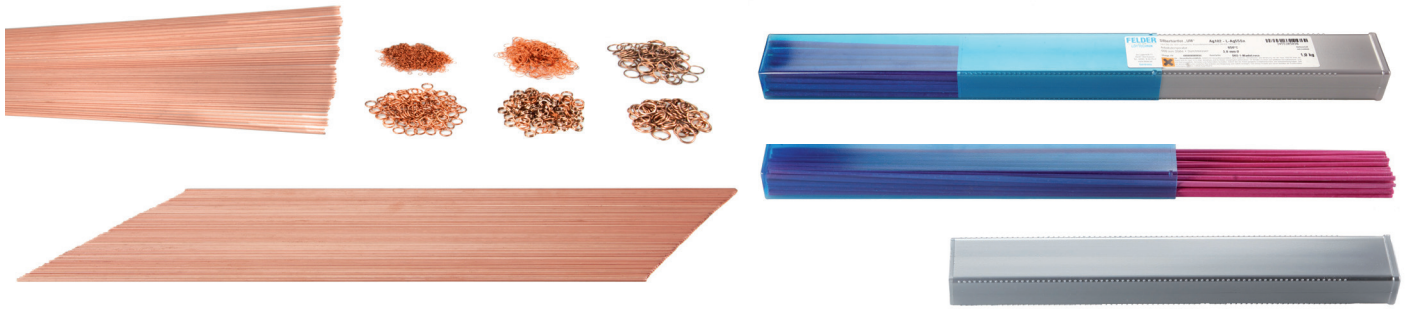
Cu-Rophos® 15

Art.-No.	Dimension	PU	Delivery form
33401550	1.50 mm square x 500 mm	25.0 kg	1.0 kg box
33402050	2.00 mm square x 500 mm	25.0 kg	1.0 kg box
33403050	3.00 mm square x 500 mm	25.0 kg	1.0 kg box

Soldering with our Cu-Rophos copper brazing alloys on brass or gunmetal, requires our flux Cu-Rosil®.



Made in Germany



Article description	DIN EN ISO 17672	Composition (Weight-%)			Work temperature	Tensile strength of the soldering (N/mm ²)	Density (g/cm ³)	Field of application in °C	For hard soldering of the following basic materials
Copper brazing alloys		Ag	Cu	P					
Cu-Rophos®94	CuP179	-	94	6	760 °C	250	8.1	-50 bis + 150	Copper to copper (without flux)
Cu-Rophos®93	CuP181	-	93	7	730 °C	250	8.1		Brass, red brass and copper-tin alloys with flux for silver solders
Cu-Rophos®92	CuP182	-	92	8	720 °C	250	8.0		Cu-Rosil®
Cu-Rophos®2	CuP279	2	91.5	6.5	740 °C	250	8.1	-50 bis + 150	Shall not to be used for sulphurous media
Cu-Rophos®5	CuP281	5	89	6	710 °C	250	8.2	-50 bis + 150	
Cu-Rophos®15	CuP284	15	80	5	700 °C	250	8.4	-70 bis + 150	heat resistant up to 200 °C
Cu-Rophos®18	CuP286	18	75	7	650 °C	250	8.4		

Article description	DIN EN ISO 17672	Composition (Weight-%)				Work temperature	Tensile strength of the soldering (N/mm ²)	Density (g/cm ³)	For hard soldering of the following basic materials
Silver brazing alloys		Ag	Cu	Zn	rest				
AG 203 (L-Ag44)	Ag 244	44	30	26	-	730	450	9.1	Steel, copper, copper alloys,
AG 106 (L-Ag34Sn)	Ag 134	34	36	27.5	2.5 Sn	710	430	9.0	Nickel, nickel alloys,
AG 104 (L-Ag45Sn)	Ag 145	45	27	25.5	2.5 Sn	670	400	9.2	Malleable iron heat resistant up to 200 °C

Delivery form 500 mm rods, 1 kg production rings, wire on spools, shaped wire parts, as rings or as sections.

Flux for silver solders Cu-Rosil®

Brazing flux for brazing copper pipes in the drinking water, heating, gas and oil installation in connection with brass and gunmetal fittings

Paste, DIN EN 1045 - FH 10, effective temperature: 500-800 °C
DVGW test mark: DV 0101 AT 2245



Art.-no.	PU	Delivery form
26100050	50 pc	0,100 kg can
26100055	50 pc	0,250 kg can
26100060	25 pc	0,500 kg can
26100070	15 pc	1,000 kg can

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