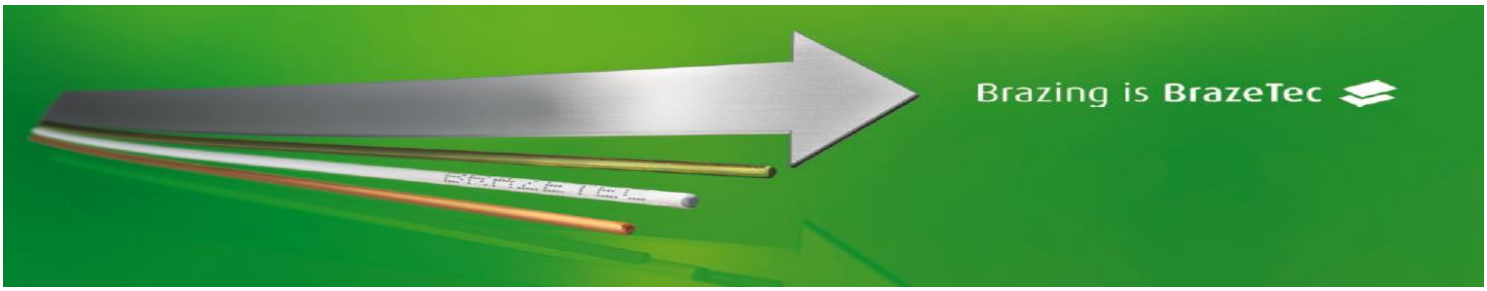
TECHNICAL DATASHEET



Brazing alloy BrazeTec 3075

Composition (% in weight)

Ag	Cu	Zn	Sn	Si	P	Mn	Ni	Other	ISO 17672	EN 1044	ISO 3677
30	38	32	-	-	-	-	-	-	-	AG 204	-

Technical data:

Melting range (°C)	680 - 765
Working temperature (°C)	750
Melting range according to DSC measurement (°C)	-
Min. brazing temperature (°C)	-
Electrical conductibility (m/Ω mm²)	-
Elongation %	25
Density (g/cm3)	8,9
Shear strength (MPa)	-
Tensile strength DIN EN 12797 (MPa)	with S 235:380; with E 295:430
Operating temperature of brazed joint (min/max) ± (°C)	200

Applications
Refrigeration, air conditioning and electrical industry, plumbing technology.

Operating conditions
Silver based brazing alloy with excellent flow, capillarity and mechanical strength characteristics. Used for brazing any steels, copper and copper alloys, as well as nickel and nickel alloys.

Recommended fluxes
N1/T, Super 1, N2/E, H paste, RS/A, FN/E, D 98, H 280

Heat sources
Flame, induction heating, furnace in vacuum and under protective atmosphere.

Delivery forms
Wire, rods, ribbon, rings, preforms, powder

Notes
AWS A5.8 (ASME IX): BAg-20

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