



Because **clean and pure matter**

Dynaflow[®] is an exceptionally pure, phos/copper/silver brazing alloy recommended for all copper-to-copper and copper-to-brass cooling applications.

Harris invented Dynaflow[®] years ago as an economical alternative to 15% silver alloys, and through the years, the serviceability and economic benefits of Dynaflow[®] have made it a familiar and standard replacement for 15% in the HVAC/R industry.

Built to withstand high stress and vibration, Dynaflow[®] is clean, strong and ductile. Excellent for brazing tight or poorly-fitted joints, Dynaflow[®] is a reliable, proven alloy.

Dynaflow[®] increases profits by helping to eliminate the leaks and callbacks caused by impurities other brazing alloys contain.

Impurities in brazing alloys leave tiny holes, or voids, in the hardened filler metal, allowing refrigerant gas to slowly leak out. Dynaflow[®] is contaminant and oxide free, making your brazed joints solid, dependable and leak-resistant.



Dynaflow [®] Specifications	
Brazing Range :	1300°F - 1500°F
Solidus :	1190°F
Liquidus :	1465°F
Tensile Strength :	85,000 p.s.i.
Elongation :	25%

Chemical Composition	
Silver :	5.9 - 6.1%
Copper :	Remainder
Phosphorous :	6.08%
Other Totals :	0.15%

Physical Properties	
Solidus :	643°C (1190°F)
Liquidus :	787 - 794°C (1459 - 1471°F)
Tensile Strength-Brazed Copper :	35,000 p.s.i. nominal, based on (242 mm ² -tube alloy C122 annealed)
Braze Colour :	Gray
Electrical Conductivity :	(%IACS) 8.80
Electrical Resistivity :	20

Statement of Liability - Disclaimer

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**The above are abstracts from J.W. Harris' product catalogue. For further information please contact us.*