

BRAZING ALLOYS & FLUXES

THE GLOBAL LEADER IN PRODUCTION BRAZING
THE HARRIS PRODUCTS GROUP HAS BEEN MANUFACTURING
QUALITY BRAZING PRODUCTS FOR OVER 100 YEARS.



HARRIS 0

Recognized and trusted all over the world, this is our most popular copper-to-copper brazing alloy which is used for OEM production as well as aftermarket HVAC installation and repair. Harris 0 has extremely consistent flow characteristics because it is manufactured from the purest raw materials. The bright and shiny appearance of our finished material show our advanced manufacturing process capabilities and dedication to quality.



STAY-SILV® 2

This low silver, high phosphorus content alloy is an excellent choice for OEM customers who want to reduce silver content. The alloy flows quickly and melts at a very low temperature of 1190-1405 °F (643-763 °C) to ensure flow into the capillary.



STAY-SILV® 5

Stay-Silv® 5 is useful primarily where fit-up cannot be tightly controlled. Stay-Silv® 5 is a medium melting range alloy.



STAY-SILV® 15

One of our most forgiving alloys with a wide melting range that helps our customers where wide gap clearance in the capillary from .002" - .006" (.051 - .015 mm) are a concern. Very common in both OEM and aftermarket business for its ability to reduce leaks.

**PERFORMANCE
FOCUS**

**PHOSPHORUS
CONTENT**

Harris brazing alloys are the result of proprietary technology that precisely controls the phosphorus content above market standards. The phosphorous content determines the precise melting temperature and performance. All Harris phosphorus/copper and silver/phosphorus/copper brazing alloys conform to +/- 6° Fahrenheit of the specified liquidus temperature. Conformity to such specification assures the operator of consistent brazing performance with every application. The advantage is apparent in automated brazing operations where control of flow temperatures can significantly reduce the incidence of rejects.

Orders: 1.800.733.4533

THE HARRIS PRODUCTS GROUP
www.harrisproductsgroup.com



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DYNAFLOW®

This alloy has provided decades of durability and savings to our customers. Dynaflow® is a premium, medium range, silver alloy developed to mirror the melting range and strength performance characteristics of 15% silver brazing alloys. Excellent for brazing both tight and loose fitted applications. It is a fantastic choice for OEM operators and service technicians.



BLOCKADE®

Blockade® is a low melting temperature alloy which is very fluid and fast flowing. Best for tight fitting connections under two inches diameter and great for copper to brass applications like solenoid valves, ball valves, distributors, and schrader valves. Blockade® is a copper, phosphorus, tin, and silicon alloy which is a low cost alternative to silver bearing alloys.



ECOSMART®

Quality brazed joints require flux to protect the joint during heating and promote complete braze alloy flow. To ensure the best connections Harris designed, developed, and produced a variety of fluxes for specific applications to meet our customer's needs.

FEATURES

- Environmentally-friendly boric acid and borax free
- Smooth consistency for easy application
- Powder flux has excellent adherence when heated rod is dipped into flux
- Dissolves surface oxides and protects against oxidation during heating
- Wide activation range
- Excellent flux coverage during heating
- Easy flux residue removal