

**FORCE  
INDUSTRIES  
DIVISION**

American Solder & Flux Co., Inc. • 28 Industrial Boulevard • Paoli, PA 19301-0947 • (610) 647-3575 • FAX (610) 647-2375

---

## **PRODUCT INFORMATION**

### **AMCO 4963 SOLDERING FLUX**

(690)

#### **GENERAL CHARACTERISTICS AND USES.**

*AMCO 4963* is a water-based formulation designed to address the global need for a safe high performance flux applicable on all COS process machinery. This low VOC flux enhances void elimination thus assuring the integrity of the fillet weave. Excellent moistening characteristic assures coverage. Proven worldwide on most first and all second generation COS equipment.

#### **PHYSICAL DATA**

- ◆ Water clear with no characteristic odor.
- ◆ Specific Gravity: 1.12 – 1.15 @ 72 °F
- ◆ Weight per gallon: 9.32 – 9.58 lbs/gal
- ◆ Flash Pont: None
- ◆ Shelf Life: At least one year in the unopened original container stored at room temperature

#### **PERFORMANCE CRITERIA**

- ◆ No dilution required
- ◆ Non Corrosive
- ◆ Minimal residue. Water wash
- ◆ Contains no metal chlorides
- ◆ Minimizes spatter, low to no smoke

#### **STORAGE AND HANDLING**

- ◆ Shelf Life: At least 1 year in unopened container stored at room temperature
- ◆ Freezing does not affect performance, mix and reuse.

#### **PACKAGING**

- ◆ 1 gallon jug (4/carton)
- ◆ 5 gallon plastic jug.
- ◆ 55 gallon non returnable drum

While we believe the data presented herein is accurate and reliable, the data are not to be taken as a guarantee representation of any kind for which Force Industries assumes legal responsibility. They are offered solely for your consideration, investigation and verification.