

## ***ArmaKleen Technical Service Report Summary***

**Cleaning Trial Type:** Aqueous

**Industry:** Fabric supplier for athletic apparel

**Segment:** 41 – Mfg – Shoe, leather, Textiles, & Apparel

**Soil:** light film of cleaning detergents

**Substrate:** Stainless Steel

**Description of Part(s):** Two three-part stainless steel nozzles

**Customer objective:** The customer was looking to improve their cleaning performance, automate their cleaning process and reduce rework and reject rate.

**Cleaner used:** 5% by volume solution of ArmaKleen™ 4 in 1 Cleaner

**Machine used:**

- Ultrasonic Washer ( SK Blackstone 6315)
- Agitating Immersion (SK Model 81.8, Graymills T24)

**Temperature used:** 160°F

**Time required:** 3 hours

**Post Cleaning:** Fresh water rinse followed by air pressure drying

**Recommendation to Customer:** The ArmaKleen Technical Center recommends using a 5% by volume solution of ArmaKleen™ 4 in 1 Cleaner at 160°F in an Ultrasonic Washer for a minimum of 3 hours.

**Before Picture**



**After Picture**



**Source:** TSR #16-A-102