

## **Ink For Sizing Tests – Double Strength Solutions In Paks**

### **FORMIC ACID PAKS ARE DOUBLE STRENGTH:**

The solutions in the formic acid paks are twice the strength of the final ink mix.

To make 1% formic acid ink, use the 2% formic acid pak.

To make 10% formic acid ink, use the 20% formic acid pak.

To make 20% formic acid ink, use the 40% formic acid pak.

### **DYE PAKS ARE DOUBLE STRENGTH, TOO:**

The solution in the dye pak is twice the strength the dye in a final ink mix. The dye pak contains 2.5% naphthol green B dye in water.

All standard ink mixes, regardless of formic acid strength (including the neutral ink mix), have 1.25% naphthol green B dye concentration.

### **DILUTION:**

When equal volumes of the solutions from a dye pak and a formic acid pak are mixed together, the combined water from both paks dilutes both the dye and the formic acid to half of the original strength which it had while in the separate paks.

The result is an ink mix containing 1.25% dye powder and either 1% or 10% or 20% formic acid.