Avoid Stress Cracks with

**ANNEALING FOR SOLVENT BONDING**

Solvent bonding is a secure and cost-effective solution for assembling plastic components. However, if proper precautions are not followed, the solvents can cause internal stresses to release too quickly and manifest in the form of stress cracking.

**SHOP ONLINE AT NORDSONMEDICAL.COM/SHOP**

Stress cracking is the number one reported failure among solvent bonded assemblies. Stress cracking can occur weeks after assembly, increasing the risk of escaped defect material.

Annealing the components prior to assembly releases these molded-in stresses in a slow, controlled fashion, which improves the parts’ ability to resist cracking and increase performance.

Nordson MEDICAL offers a wide range of precision-engineered polycarbonate stopcocks designed to easily control the flow of a liquid or a gas.

**LOOKING FOR A STRESS-FREE CONNECTION?**

Ask our technical experts how annealing and other secondary processes can alleviate the risk of environmental stress cracking in polycarbonate materials.

**SHOP STOPCOCKS ONLINE**

Shop online for off-the-shelf components, or contact us to discuss custom assembly solutions.

- 1-way stopcocks in standard, high flow, and high pressure styles.
- 3-way stopcocks in multiple styles with and without luer lock rings.
- 4-way stopcocks with 2 capped female luer threads and a male slip luer or a capped male luer lock.
- Stopcock designer kit with a variety of 1-way, 3-way, and 4-way stopcocks.

Browse our online store, with more than 9,600 stock components and technologies, most ready to ship within 24 hours.