Ultraprotective vials, 10/16

At the AACC show 2016

October 2016—Wheaton launched its DualFusion Vial, which combines properties of plastic and glass into one container. Using plasma enhanced chemical vapor deposition (PECVD) technology, an organosilicate protective layer is fused with a silica-like (SiO2 barrier) layer that is fused to a cyclic olefin polymer (COP) shell to form a robust, covalently bonded material. The outer COP shell provides mechanical strength, protects against breakage, and can withstand a temperature range of -196°C–121°C without cracking. The inner layer offers a barrier that maintains sample integrity and protects sensitive reagents. It aims to prevent permeation of oxygen, water vapor, and other gases, protect against delamination, and eliminate concerns over leaching of metal ions, which can compromise the integrity of vial contents. Each ready-to-use, ready-to-sterilize vial has a unique barcode for rapid and easy traceability.

***Wheaton**, 856-825-1100*