

SafeT™ Stopcocks and Connectors Lipid Resistant Product Line

Enhancing patient and caregiver safety with new Tritan™ integrated products

The potential for Environmental Stress Cracking (ESC) is a well-known concern when plastics are used in medical device components. The use of lipids and other aggressive solutions may initiate microcracks in the polymer and compromise the material's mechanical integrity. This event may lead to serious patient injury and also jeopardize medical personnel.

Elcam Medical's new Tritan™ integrated SafeT™ Stopcocks and Connectors provide safer treatment through enhanced lipid and chemical resistance.



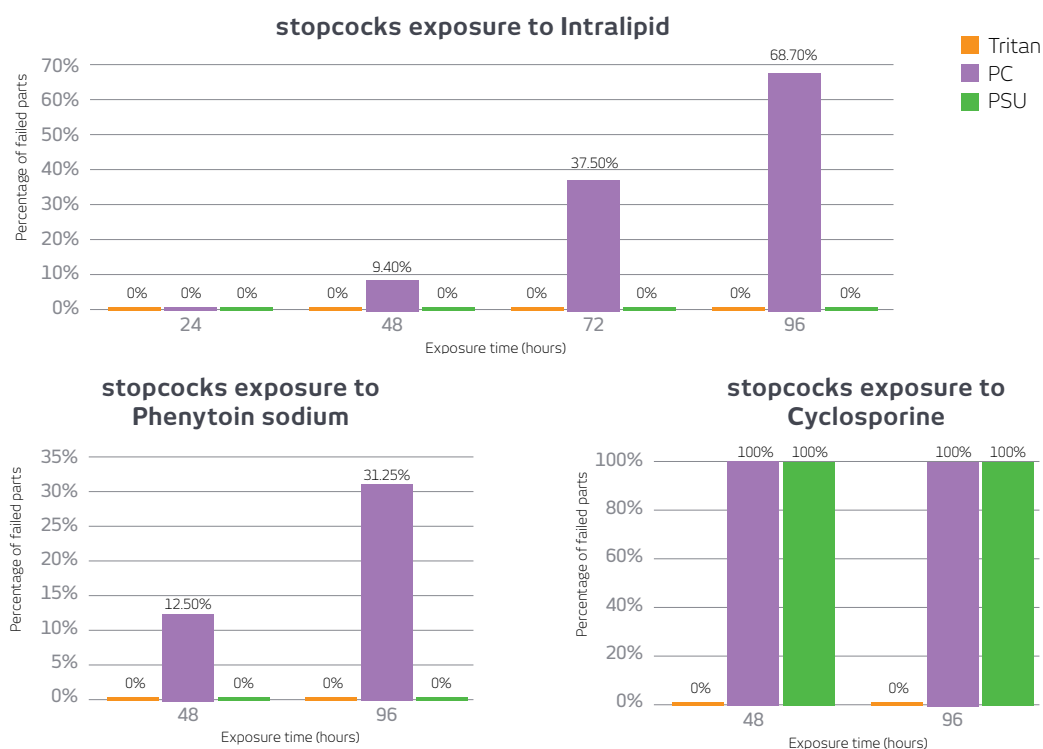
Lipid Resistance

 Elcam Devices  Elcam Stopcocks  Elcam Accessories

Tritan™ is a new-generation copolyester that has been shown in bench-top testing¹ to be resistant to a large spectrum of medical fluids such as oncology drugs, lipids, drug carrier solvents, and nutrition which minimizes the risk of cracking and increases patient safety.

Elcam Medical has developed a new series of Lipid Resistant connectors and devices made of Eastman Tritan™ copolyester providing increased safety in drug therapy through protection to patients and care givers from connectors' erosion by lipids and other aggressive drugs.

Results of drug resistance laboratory tests conducted by Elcam²



Tritan™ is also BPA-free, and it is additionally known for its toughness, low residual stresses, and color stability post sterilization.

The Tritan™ benefits:

- Increased durability to lipids, disinfectants and aggressive drugs
- Minimization of Environmental Stress Cracking (ESC)
- Reduction in ESC related patients' adverse events:
 - Medication discontinuation
 - Blood loss
 - Air ingress and air embolism
 - Bacteria ingress and subsequent blood stream infection
 - Dehydration
- Decrease in ESC related medical teams adverse events:
 - Exposure to blood and bodily fluids
 - Exposure to hazardous drugs
- BPA-free products
- Post sterilization color stability - both Gamma and ETO

¹Eastman Tritan copolyester - Chemical compatibility with hospital disinfectants and oncology drugs; Eastman

²Stopcock Drug Resistance test , Elcam Medical, PRJ-0025 Design Test Document, Doc-099094, Rev-C

Elcam's Enteral Feeding stopcock is a natural match with the BPA-free Tritan™ intended for customers and applications which are facing this concern. Please contact us for further information.



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