

CIVCO Ultrasound Transducer Covers Serve as Effective Viral Barrier

CIVCO Medical Solutions is a trusted leader in infection control with solutions ranging from covers to high-level disinfection for ultrasound transducers.

For nearly 20 years, all CIVCO transducer covers have served as effective viral barriers for protection against microbial migration, including viruses, bacteria and bloodborne pathogens.



CIVCO's natural rubber latex, polyethylene, and polyurethane (CIV-Flex™), and polyisoprene (NeoGuard™) general purpose, endocavity and Surgi™ transducer covers have been tested by an independent laboratory under protocol complying with ASTM F1671 to evaluate the barrier properties to penetration by bloodborne pathogens using viral penetration as a test system.

The tests conducted on the CIVCO probe covers with Bacteriophage ϕ X174 Virus rest on the protocol adapted from those used to evaluate barrier properties and resistance of surgeon glove materials. Based on the results of the clinical study, the CIVCO ultrasound probe covers provide effective barrier to the penetration of microbial migration.

CIVCO covers provide a thin, conformal protective cover system for ultrasound transducer usage in the body surface, endocavity and intra-operative patient environments; help prevent transfer of microorganisms, body fluids and particulate material to the patient and healthcare during the reuse of transducer; and help maintain the sterile field where applicable. All are single-use, disposable products.

Please contact CIVCO Customer Service at (319) 248-6757 or (800) 445-6741 with questions or to place an order.

*CIVCO covers provide protection against human viruses with an effectiveness of **27 nanometers (nm) and above**. Human viruses larger than 27 nm include, but are not limited to:*

Human Viral Pathogen	Size
Human papillomavirus (HPV)	52-55 nm
Hepatitis B virus	32 nm
Yellow fever/Zika virus	50 nm
Junin arenavirus/Lassa virus	60-300 nm
Ebola virus	80 nm
Rotavirus	80 nm
Human immunodeficiency virus (HIV)	80-100 nm
Hantaan virus	80-120 nm
Herpes Virus	150-200 nm
Measles virus	150 - 300 nm

http://viralzone.expasy.org/all_by_species/678.html

Customers are advised that this testing does not imply that tested products will prevent an infection resulting from exposure to bloodborne pathogens. Additionally, this testing does not imply protection from acquiring a disease-state associated with such viral exposure. CIVCO transducer covers have not been cleared or approved by the FDA as devices that prevent healthcare workers from acquiring viral or bacterial infections.

