

WHAT IS MATERIAL INCOMPATIBILITY?

Material incompatibility is the failure of a material when exposed to certain types of environmental factors. It can be caused by poorly selected material for the device's usage, or by disinfecting equipment with products not designed for its surface material. Equipment is being cleaned and disinfected more often as healthcare facilities fight health care-associated infections (HAIs). If compatible disinfecting products are not used, equipment damage and/or adverse events may occur.

This can lead to:



Compromised
Quality of Care



Increased
Cost of Care



Reduced Operational
Efficiency

Material incompatibility can complicate disinfection

Can the wrong disinfectant damage my equipment or void the warranty?

How do I know what cleaners/disinfectants are compatible with my healthcare equipment?

Is there a one-size-fits-all disinfectant that covers all my facility's equipment and surfaces?

Do we have access to disinfectants approved by equipment manufacturers?

How can I share compatibility information with my staff?



Medical equipment and disinfectant compatibility is a joint responsibility between material, disinfectant, and equipment manufacturers.

Compatibility with plastics and other materials commonly used in healthcare is one of PDI's critical design criteria for new product development. PDI is also collaborating with material and medical equipment manufacturers to promote compatibility as an essential criteria for material and equipment design. Our goal is to ensure that medical equipment can be safely and properly disinfected using the disinfecting products widely accepted in healthcare, at the frequency required to meet today's guidelines.

As an industry leader, and your partner in infection prevention, PDI is uniquely positioned to champion material and disinfectant compatibility. We can provide you with tools and solutions to help you navigate this issue.

Resources

- Equipment database
- Healthcare professional's toolkit, available on the PDI website:
 - Educational materials
 - Manufacturer checklist for your discussions with equipment manufacturers
 - Materials Compatibility Guide for PDI **Sani-Cloth**® products
 - **Sani-Tag**® stickers for equipment

Product range and design

- No single product is compatible with all surfaces. The **Sani-Cloth** line offers a full range of disinfectants and cleaners for your clinical and equipment needs
- **Sani-Cloth** products are the #1 disinfectant wipe in healthcare*

To learn more, visit pdihc.com.

*Q3 2015 GHX data