

mdi HospiTape single use disposable Water Filters with pre-filters are specially designed and validated for use in hospitals and medical centers for a wide range of water applications involving critical care and high risk areas/patients.

Applications

- Surgical intensive care
- Wound cleaning
- Washing and bathing water filtration
- Utensil cleaning and rinsing
- Tooth brushing and oral care

Quality Assurance

- Validated for microbial retention as per ASTM F 838-05
- 100% Integrity tested
- Traceable by lot number

Special Features

- Compact Design
- High flow rates
- Non-toxic material of construction
- Heat-sealed, no adhesives
- Light weight and self supporting
- Quick connector inlet

Unique Performance Advantages

- Easy installation/removal
- High throughput
- Compatible with common disinfection procedures

Ordering Information

Type	Code
Non Sterile	DMK30L
EO Sterile	DMK30L-S



Shelf Life

The shelf life is 3 years.

Material of Construction

Housing
Polypropylene

Filter Media
0.2 µm Polyethersulfone Membrane with pre-filter

Specifications

Pore Size
0.2µm

Maximum Life in Use
31 days

Dimensions
Length: 75 mm (Tip to Tip)
Diameter: 73 mm

Maximum Temperature of Influent Water
60 °C @ 5 bar

Disinfection With

- Water : Maximum temperature for sanitization: 70 °C @ 5 bars for 60 minutes
- 100 ppm free Chlorine solution

Water Flow Rate
≥10lpm @ 3bars

Standards Complied

Bacterial Retention:
LRV >7 for *B. diminuta* ATCC 19146 per cm² of filter area as per ASTM F 838-05 and in intermittent use simulation for 31 days.

Inhibition of Retrograde Contamination: Inhibits microbial growth during the recommended life of filter as per JIS Z 2801:2000.

Extractables-Effect on Drinking Water Quality:

- Passes BS6920:2000 Suitability of Non-Metallic Products for Use in Contact With Water Intended for Human Consumption
- Passes Commission Directive 2002/72/EC relating to Plastic Materials and Articles Intended to Come in Contact With Foodstuffs

Biosafety: Passes the Biological Reactivity Tests, In Vivo for Class VI plastics as described in USP <88>.

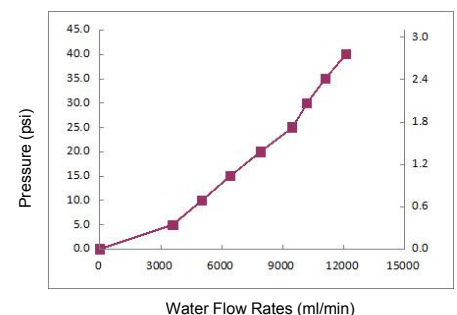
Indirect Food Additives: All Polypropylene components meet the FDA Indirect Food Additive requirements cited in 21 CFR 177.1520.

Particle Release: The filtrate complies with USP <788> test for particulate matter in injections

Fiber Release: Complies with USFDA CFR Title 21, 210.3(b)(6), after 10 liter flush.

Disinfection Compatibility: Compatible with 100 ppm free chlorine solution.

Typical Water Flow Rate



DSTDKLH30Z1248G