









Wipes

	Packaging Type	Count	Size (mm) (+/-5mm)	Code
	Flow wrap	200	250 x 200	S625110MPCE
	Flow wrap	50	200 x 175	S524110MPCE
	3 litre bucket	350	250 x 225	W522110MPCE
	3 litre bucket refill	350	250 x 225	Q522110MPCE
	2 litre canister	200	195 x 165	W615110MPCE
	2 litre canister refill	240	195 X 165	Q520110MPCE

With  
**TRITEX<sup>®</sup>**  
TECHNOLOGY



Accessories

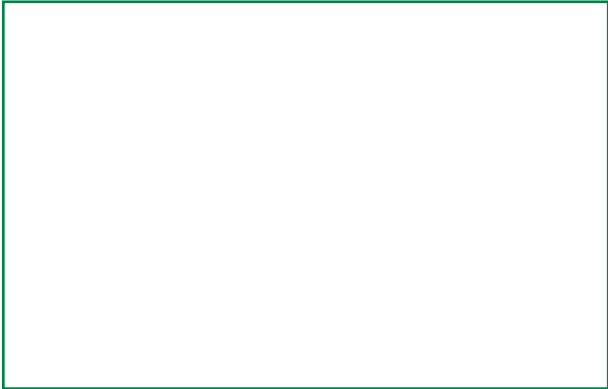
	<b>2 litre canister, wall mounted bracket</b> 5 per case Coated metal X49110HP
	<b>Flow wrap, wall mounted bracket</b> 10 per case Coated metal X40110HP
	<b>Indicator tape "I am clean"</b> 12 rolls per case Adhesive paper E001



Clean removable adhesive notes  
Count: 4 x 250  
Size: 70 x 80  
E004



Dirty removable adhesive notes  
Count: 4 x 250  
Size: 70 x 80  
E005



The Medipal<sup>®</sup> Promise:

Quality, Efficacy, Innovation and Cost Effectiveness



3in1<sup>DISINFECTANT</sup> Wipes

- Cleans
- Disinfects
- Sporidical



PASS EN16615  
PHMB FREE



Medipal<sup>®</sup> 3 in1 has been developed in response to a growing clinical need for a single cleaning & disinfectant wipe that is effective against a wider range of pathogens including spores.

# Technical Specifications

## Chemistry and Regulatory Compliance

# 3in1<sup>DISINFECTANT</sup> Wipes

# Features and Benefits

## Chemistry

**Medipal® 3 in 1 uses a new, high specification combination chemistry, effectively blending two disinfectant compounds, DDAC and Triamine, to produce a highly efficacious, broad spectrum disinfectant effective against spores.**

### DDAC (4th Generation Quat)

Quaternary Ammonium Compounds (Quats) are effective and widely used disinfectants. They kill microorganisms by causing disruption of intermolecular interactions and dissociation of lipid bilayers. The 4th generation, Didecyl-dimethylammonium chloride (DDAC) chloride has been developed to give improved biocidal activity, stronger detergency and a lower level of toxicity compared to the previous three generations.

### Triamine (Amphoteric disinfectant)

Triamine is a compound containing three amino groups (N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine) acting as a cell disruptor. It is effective against both gram positive and gram negative bacteria as well as enveloped viruses such as Hepatitis-B (HBV). It is a low toxicity, non-tainting and non-corrosive compound combining both detergent and disinfectant properties.

## Regulatory Compliance

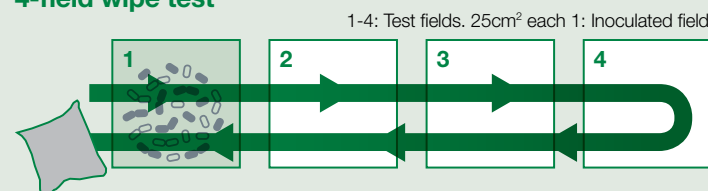
**Medipal® 3 in 1 complies with the latest EN standards while offering short contact time which are practical in real life use.**

**EN16615** New European Standard for chemical disinfectants and antiseptics (also known as the 4-field test)

The first European standard (EN) aimed at testing the actual wipe efficacy rather than the extracted solution used in the wipe as per previous tests.

The test is designed to better represent the effectiveness of wipes in use within a real world environment.

### 4-field wipe test



To test its efficacy, the wipe has to wipe four test fields of 25cm<sup>2</sup> in succession from test field 1 to 4 with the 1st field inoculated then wipe back from test field 4 to 1. The objective of EN16615 is to demonstrate the efficacy as well as the absence of cross contamination.

### EN16615 requires to achieve:

- 5 log (99.999%) reduction for bacteria
- 4 log (99.99%) reduction for yeast

EN16615 is a stringent quantitative test method for the evaluation of bactericidal and yeasticidal activity on non-porous surfaces with mechanical wiping action.

**EN14885** Specifies the EN Standards to which products have to conform to support their anti-microbicidal claims.

It provides guidance to which disinfectant test methods may be applicable based on the intended use as well as clearly defining the meaning of bactericidal, virucidal, sporicidal and yeasticidal.

It recommends that **contact time is practical in real life use** and should be taken into consideration when testing. In phase 2 and phase 3 tests the product should pass the test at the contact time recommended on the product label.

**Medipal® 3 in 1 cleaning and disinfectant wipes benefit from a large anti-microbial efficacy with a short contact time. Our wipes combine our dual biocidal chemistry and our Tritex material to deliver excellent clinical performance. Our wipes are designed to be gentle to surfaces.**

**PASS** New European test **EN16615** in **1 min**

### Effective cleaning

Powerful detergent removes effectively the dirt from the surface. Contains a biodegradable detergent.

### 1 Minute Disinfection

#### Bactericidal & Tuberculocidal

EN16615  
EN13727  
EN13697  
EN14348

#### Virucidal Activity\*

EN14476

#### Yeasticidal

EN16615  
EN13624  
EN13697

### Proven full sporicidal activity

As defined by EN14885:2015

### 1 Minute Sporicidal

EN13704

\* Norovirus, Hep B, HepC, HIV, Coronavirus (MERS), Influenza (H1N1)

Alcohol Free

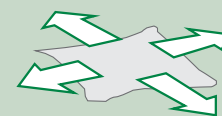
Ready to use

PHMB Free

Gentle to Surfaces

Low Linting

## TRITEX® an Advanced Wipe Material



**Excellent solution retention**, prevents liquid from dropping at the bottom.

**Efficient solution release**, ensures the disinfectant is evenly transferred to the surface.

**High strength** in both direction even when wet.

**Ultra low linting** to greatly reduce the risk of contamination and cross infection.

