



H12 - Hand Towel Roll  
Electronic system

Think ahead.

## Tork Hand Towel Roll for Electronic Disp. 19.5cm



Article	471113
System	H12 - Hand Towel Roll Electronic system
Colour	White

The Electronic Dispenser for Tork Hand Towel Rolls provides one-at-a-time dispensing that reduces consumption and improves hygiene. The Advanced rolls have a high capacity which ensures paper availability, and are ideal for busy washrooms like in schools and airports.

### Key benefits:

- Long-lasting rolls minimise maintenance costs while maximising service.

## Environmental

### Material

Essity UK Ltd, Southfields Road,  
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United Kingdom

Virgin fibres and recovered paper

- Wet strength agents (for Wipers and Hand Towels)
- Dry strength agents (are used together with mechanical treatment of the pulp to make strong products like wipers)
- For coloured papers dyes and fixatives (to secure perfect fastness of the colour) are added
- For printed products printing inks (pigments with carriers and fixatives) are applied
- For multi ply products we often use a water soluble glue to secure the integrity of the product

In most of our mills we do not add optical brighteners but it often occurs in recovered paper since it is used in printing paper.

### Destruction

This product is mainly used for personal hygiene and can be collected together with household waste.

### Production

This product is produced at NOKIA mill, FI and certified according to ISO 9001, ISO 14001 (Environmental management systems), OHSAS 18001 and FSC Chain-Of-Custody.

Virgin pulp fibres are produced out of softwood or hardwood. The wood is subject to chemical and/or mechanical processes where the cellulose fibres are separated out and lignin and other residuals are removed.

- defoamers (surfactants and dispersing agents)
- pH-control (sodium hydroxide and sulphuric acid)
- retention aids (chemicals that help to agglomerate small fibres to prevent fibre loss)
- Coating chemicals (that help to control the creping of the paper to make it soft and absorbent)

High product quality is secured through quality and hygiene management systems throughout production, storage and transport.

In order to maintain a stable process and product quality the paper manufacturing process is supported by the following chemicals/ process aids:

### Chemicals

All chemicals (process aids as well as additives) are assessed from an environmental, occupational health and safety and product safety point of view.

There are different methods used today for bleaching: ECF (elementary chlorine free, where chlorine dioxide is used, and TCF (totally chlorine free) where ozone, oxygen and hydrogen peroxide is used.

To control product performance we use additives:

Virgin pulp  
Recycled fibres  
Chemicals

This product is certified for FSC®.

### Content

The product is made from

In the tissue process both virgin fibres and recovered paper are being used. The choice of pulp is made based on product requirements and pulp availability so the pulp is used in the most efficient way.

High demands are put on quality and purity of recovered fibres, considering each step of the chain (collection, sorting, transportation, storage, use), to ensure safe and hygienic products.

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### Packaging

Fulfilment of Packaging and Packaging Waste Directive (94/62/EC): Yes

We do not use softeners for professional hygiene products.

- Pulping aid (chemicals that help to repulp wet strong paper)
- Flocculation chemicals (that help to clean out printing inks and fillers from recovered paper)
- Bleaching agents (to increase the brightness of pulp from recovered paper)

The environmental benefits and economic feasibility of recovered paper as a raw material source depend on its availability, transport distance and the quality of the collected material.

Bleaching is a cleaning process of the fibres and the aim is to achieve a bright pulp, but also to get a certain purity of the fibre in order to achieve the demands for hygiene products and in some cases to meet the requirements for food safety.

### Food Contact

This product fulfills the legislative requirements for Food Contact materials, confirmed by external certification performed by a third party. The product is safe for wiping food contact surfaces and may also come occasionally into contact with foodstuffs for a short period of time.

### Environmental certification

## Contact

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