

## Detectamet Specification Data Sheet – 474 – Reusable Aprons

### Applicable Products:

<b>Product Code:</b>	<b>Product Description:</b>
474-S685-T461-P01	Detectable Reusable Apron 135cm (53") Full body with sleeves Blue
474-S685-T461-P06	Detectable Reusable Apron 135cm (53") Full body with sleeves White
474-S685-T462-P01	Detectable Reusable Apron 135cm (53") Sleeveless Blue
474-S685-T462-P06	Detectable Reusable Apron 135cm (53") Sleeveless White
474-S686-T461-P01	Detectable Reusable Apron 155mm (61") Full body with sleeves Blue
474-S686-T462-P01	Detectable Reusable Apron 155mm (61") Sleeveless Blue
475-S081-T184-P01	Detectable Reusable Sleeve Covers 450mm Length Standard Blue
475-S081-T464-P01	Detectable Reusable Sleeve Covers 450mm Length Cuffed Ends Blue

### Stipulation objective

: Hygiene areas

### Product description

: (Specifications in mm (approx.))

Material/Coating

: TPU

Material/Woven fabric

: without fabric

Sizes

: according to requirement

Length

: according to requirement

Width

: approx. 980

Weight (g/piece)

: approx. 174 g/medium size

Thickness (μm) [Teclock SM-114]

: approx. 150 μm

Hardness [ASTM-D2240 SHORE A]

: 83

Color

: white, blue (red, green, yellow on request)

Cut

: open cut-edge, with head loop and binding bands

Powder

: -

Tensile vertical (kgf) [ASTM-D412]

: 6.57

Tensile horizontal (kgf) [ASTM-D412]

: 6.58

Tensile strength length (Mpa) [ASTM-D412]

: 71.6

Tensile strength lateral (Mpa) [ASTM-D412]

: 71.7

Elongation length (%) [ASTM-D412]

: 595.8

Elongation horizontal (%) [ASTM-D412]

: 635.8

Tearing-resistance length (kgf) ASTM-D624

: 1.95

Tearing-resistance lateral (kgf) ASTM-D624

: 1.97

Tearing strength length (kgf/cm) ASTM-D624: 130.0

Tearing strength lateral (kgf/cm) ASTM-D624: 131.7

Gravity (g/cm<sup>3</sup>)

: 1.21

Sealing

: not tested

Heat resistance-melting point (°C)

: 158

Cold resistance

: not tested

Adhesion of the coating (N/5 cm)

: not tested

Abrasion resistance

: approx. > 2000 tours

Block characteristics	: non-adhering
Bending-crack strength	: approx. > 300,000 cycles, no damage visible
Penetration resistance	: approx. 25 N
Crack propagation resistance	: approx. > 15 N, approx. < 20 N
Chemical sealing	: approx. 96% H <sub>2</sub> SO <sub>4</sub> : >120; < 240 min., approx. 40% NaOH: > in 480 min., approx. 32% HCl: >240; < 480 min.
Oil sealing	: sealed with respect to all 8 standard oils
Solvent sealing	: Penetration index generally 0; - rejection index >95%; longer dwell time in testing media: n-heptane, isopropanol, acetone, spirit, turpentine, perchloroethylene
Fire risk	: no continued burning, no dripping off after flame penetration
Disinfectability	: Chlorine bleaching lye
Resistance to heat	: Up to approx. +120°C, from approx. +125°C shrinking visible
Cold resistance	: Up to approx. -20°C; > 40,000 cycles, no damage visible
Particle emission	: no emission of particles
Water permeability resistance	: > 3 m water column
Dust sealing	: Mg < 0.1, very well sealed
Sterilization capability	: Hot-air sterilization 120°C
Detectability (Metal)	: Iron-dust
Antibacterial-function	: -
<b>Risk</b>	: <u>Harmless in case of proper application</u> , latex-free, silicone-free

<b>Quality standards</b>	: CE in accordance with 89/686/EWG and EN340 Foodstuffs operational-reliability declaration In accordance with valid regulations (EU) Nr. 1935/2004, (EU) Nr. 2016/1416 (10/2011)
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<b>Quality controls</b>	: Incoming goods control with permanent monitoring of the production charges, final control check prior to dispatch
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<b>Identification</b>	: Traceability through production date
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<b>Packing</b>	: 1 pcs./polysack, 10 pcs., 20 pcs. or 50 pcs./carton
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<b>Special notes</b>	: Suitable, with restrictions, for the handling of dangerous materials. Not suitable for handling with open fire and/or flames! Buckling points are to be avoided, best stored rolled out or suspended from the neck band.
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The user is responsible for checking the suitability of the article for the planned objectives, as appropriate.  
Store dry.

#### Maintenance notes

