

474 - Metal Detectable Reusable Aprons

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Product Code	Description
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

Specification Data Sheet Reusable Aprons

The manufacturer declares that the materials and raw materials used in the products we deliver

- complies with the legal requirements of the current valid version of the Regulation (EU) No. 10/2011, as well as of the Regulation (EU) No. 2023/2006 and of the Regulation (EC) No. 1935/2004. If used according to specifications, both the overall migration and the specific migration levels remain below the legal limit according to Regulation (EU) No. 10/2011. The substances and raw materials used are in compliance with Regulation (EU) No. 10/2011.

- Proved that the products contain substances with limitations (SML/QM) as well as Dual-Use-Substances, the limits provided in Regulation (EU) No. 10/2011 are complied. For substances that are not mentioned in the union list (Annex I of Regulation (EU) No. 10/2011 including all amendments of the Regulation (EU) NO. 2019/37), national instructions shall apply, as e.g. the German BfR Recommendations on Food Contact Materials. Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments–Color Releas

Product description

Material/Coating	: TPU
Material/ Woven fabric	: without fabric
Sizes & Length	: according to requirement
Detection type	: metal detectable
Width	: approx. 980
Weight (g/ piece)	: approx. 174 g/medium size
Thickness (mQ) [Teelack SM-114]	: approx. 150 Qm
Hardness [ASTM-D2240 SHORE A]	: 83
Color	: w hite, blue (red, green, yellow on request)
Cut	: open cut-edge, with head loop and binding bands
Tensile vertical (kgf) [ASTM-D412]	: 6.57
Tensile horizontal (kgf) (ASTM-D412)	: 6.58
Tensile strength length (Mpa) [ASTM-D412]	: 71.6
Tensile strength latera l (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-,esistance lateral (kgf) ASTM-D624	: 1.97
Tearing strength length (kgf/cm) ASTM-D624	: 130.0
Tearing strength lateral (kgf/cm) ASTM-D624	: 13 1.7
Gravity (g/cm ³)	: 1.21
Sealing	: not tested
Heat resistance-melting point (O C)	: 158
Cold resistance	: not tested
Adhesion of the coating (N/5 cm)	: not tested
Abrasion resistance	: approx. > 2000 tours
Block charocferistics	: non-adhering
Bending-crock strength	: approx. > 300,000 c ycles, no damage visible

Penetration resistance	: approx. 25 N
Crack propagation resistance	: approx. > 15 N. approx. < 20 N
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 <i>oft</i> after flame penetration
Disinfection	: 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 20°C
Detectability (Meta II)	: Iron-dust
Risk	Harmless in case of proper application, latex-free. silicone free
Quality standards	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)
Quality controls	incoming goods control with permanent monitoring of the production charges, final control check prior to dispatch
identification	: Traceability through production date
Packing	: pcs./polysack. 10 pcs. or 20 pcs. or 50 pcs./carton
Special notes	: 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. The user is responsible for checking the suitability of the article for the planned objectives. as appropriate. Store dry.

Chemical sealing

: approx. 96% H₂SO₄: > 120; < 240 min., a pprox. 40% NaOH: >

in 480 min., a pprox. 32% HCl: >240; < 480 min.

Maintenance notes



EU-Declaration of Conformity for Food Contact Materials

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments–Sensorial examination odour and taste test **PASS**

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments (EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation and BfR recommendation –Specific Migration of Phthalates **PASS**

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments, (EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation and BfR recommendation –Specific migration of primary aromatic amine **PASS**

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments (EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation and BfR recommendation– Overall migration **PASS**

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments (EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation and BfR recommendation –Specific Migration of Heavy Metal **PASS**

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments, European Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments and BfR recommendation-Isocyanate Content **PASS**

EU-Declaration of Conformity for Food Contact Materials

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments, European Commission Regulation (EU) No 10/2011 with amendments and BfR recommendation –Phthalates content **PASS**

Polycyclic Aromatic Hydrocarbons (PAHs) **PASS**

Overall Migration Simulant	Overall Migration	Migration Limit	Unit
ethanol 95%	ND	0	mg/dm²
isooctane 3%	ND	0	mg/dm²
acetic acid 3%	<3.0	10	mg/dm²
ethanol 10%	<3.0	10	mg/dm²
vegetable oil	<3.0	10	mg/dm²

Specification for intended use or restrictions:

Ratio of the surfaces coming into contact with the food to the volume, on the basis of which the conformity of the material has been determined:

6 dm²/kg

Type/types of food that shall come into contact with the material:

greasy, acidic, watery, alcoholic

Type/types of food that shall NOT come into contact with the material:

none

EU-Declaration of Conformity for Food Contact Materials

Duration and temperature of handling and storage when in contact with the food:

Simulant	Duration	Temperature
ethanol 95%	3x240 hours	40° C
Isooctane 3%	3x48 hours	20° C
acetic acid 3%	3x240 hours	40° C
ethanol 10%	3x240 hours	40° C
vegetable oil	3x240 hours	40° C

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