



WESITEC WASTE BAGS

PEELABLE FILM, BLACK, CONDUCTIVE

Technical data sheet



English

Edition 03_2019
Changes and errors excepted.
Detail deviations between illustration and product are possible.

GENERAL

General Information

The WeSiTec waste bags do not fall under the current directive 2014/34/EU and are according to the technical regulation TRGS 727 (Edition: January 2016) Section 2, Point 11 **“conductive”**. They therefore meet the requirements of the hazardous areas of Zone 1 and Zone 21 and may be used in these areas.

Two independent measurements were carried out to confirm the conductivity.

The first measurement was performed with a Metriso 2000 ring electrode.

The second measurement was performed with a ring electrode SRP Model 880.

(Further technical information on these ring electrodes is available on request)



ATTENTION

A connection to earth to dissipate the electrostatic charge must be ensured.
(according to TRGS 727, Section 3.1, Point 2)

Results of the resistance test according to DIN EN 61340-5-1:2017-07

surface resistance

Ring electrode C

$2-4 \times 10^4 \text{ Ohm}$

Specific resistance

4-point method

$2.6 \times 10^3 \text{ Ohm cm}$

The measurements were achieved under the following conditions:

- Measurement at 20°C room temperature
- Measurement at 65% humidity
- Measurement at a voltage of 100V

The conductivity of our film is guaranteed if the following conditions are met:

- Dry storage at 20°C
- The film is not exposed to permanent UV radiation.
- Humidity at 50-80%.

GENERAL

Technical data

Property:	Test method:	Unit:	Value:
Density		g / m ³	1,03
MFI 190°C/2,16kg	ASTM D-1238	g / 10min	0,3
Elongation at break	ASTMD D-638	%	540
Tear strenght	ASTMD D-638	MPa	22

Dimensions:	700 x 1100 x 0,05mm
Color:	Schwarz
Material:	PEEL
PU (Standard):	10 peaces

The dimensions and packaging units (PU) are variable and can be manufactured according to customer requirements.

The film is free of silicones.

The solvent resistance of the film should be tested application-related due to the variety of solvents.

The above results should only be considered as general references to the material and not as final data.



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