

## TECHNICAL DATASHEET 2004-277

### DAHLIA BI-ELASTIC (220)

DAHLI003 - 008 - 029 - 030 - 068 - 136

<u>Date</u>	3/09/2021			
<u>Backing</u>	100% Polyester			
<u>Coating</u>	100%Polyurethane			
<u>Composition</u>	Coating	100	g/m²	
	Backing	105	g/m²	
	Total	205	g/m²	± 15 g/m²
<u>Tensile strength</u>	ISO 1421 : 2016	length	>32	daN/ 5 cm
		width	>25	daN/ 5 cm
<u>Tear strength</u>	ISO 4674-01 : 2016	length	>2,5	daN
		width	>2,5	daN
<u>Seam resistance</u>	ISO 13935-1 : 2014	length	>17	daN/ 5cm
		width	>17	daN/ 5cm
<u>% Elongation under 30N/5cm</u>	ISO 1421 : 2016	length	>25	%
		width	>25	%
<u>Coating to fabric adhesion</u>	ISO 2411 : 2017		>3,0	daN/ 5cm
<u>Flex resistance</u>	ISO 5402 1 : 2017	no quality loss after 200000		
<u>Hydrostatic head</u>	ISO 811 : 2018	>200 cm Tight to house dust mites		
<u>Hydrolysis</u>	Jungle test	no loss of quality after 3 weeks		
<u>Water Vapour Permeability</u>	ASTM E96 : 2005	>740 g/m²/24 h	Ugent 21-0212-01 (18/03/2021)	
<u>Properties after autoclave treatment</u> <u>50x120°C/20'</u>		all conform	Centexbel 17.01933.01 (20/04/2017)	
<u>Flame retardancy</u>	BS 7175 : 1989	Crib 5	IFS Laboratories 90036 (03/06/2021)	
	BS 7175 : 1989	Crib 7	IFS Laboratories 90036 (03/06/2021)	
	EN 597 : 2015	Source 1&2	IFS Laboratories 88265 (19/03/2021)	
<u>Antibacterial</u>	Ultra-Fresh Thomson Research (Valid license available) active ingredient = 3-iodo-2-propynyl butylcarbamate According to the Biocidal Products Regulation (EU) No 528/2012, it's mandatory to communicate this to your customers			
<u>Biocompatibility</u>	ISO 10.993-10 : 2014	OK	Bioserv 2019040670 (14/05/2019)	
<u>Cytotoxicity</u>	ISO 10.993-5 : 2009	OK	Bioserv 2019040670 (14/05/2019)	
<u>Heavy metals</u>	EN 71-3 : 2019	OK	Centexbel 21.01493.01 (30/03/2021)	
<u>Standard 100 by OEKO-TEX</u>	Class 1 (Valid certificate available)			

### **Cleaning**

We recommend to clean this article with water and soap only. Cleaning products containing alcohol, solvent, bleach or abrasive products can damage this product.

### **Disinfecting**

On request a list of approved disinfectants can be sent. Plastibert takes no responsibility for damage if other products are used.

### **Care**

EN ISO 3758 : 2012



### **Shrinkage after washing**

ISO 5077 : 2007

length	< 7%
width	< 9%

Antimicrobial effect can be reduced by washing

Alcohol in high concentrations might damage this article.

### **Other**

This article is HF weldable, this should however be tested on your equipment.

### **Remarks**

All the specifications given in this document have been tested in accredited laboratories or in our own laboratory using officially calibrated measuring equipment.

This datasheet is valid for five years after the date of publication. However, we guarantee that the item has been produced with the same ingredients and ISO-9000 procedures were strictly complied with. In the event that any modifications may have been applied during this period, all the properties were retested.

The items delivered comply with the specifications stated in this datasheet. In principle, we do not guarantee properties or characteristics that are not included in it.

Slight colour variations between deliveries are possible. We recommend that you always process items from different deliveries separately.

This item complies with the most recent REACH specifications.

**APPROVAL : CEO**