



# Berger Research Information

## Flame retardant textiles and washability

**Dear customer,**

We like to summarise our experiences about washability of flame-retardant Berger textiles as follows:  
All information are based on practical tests and are without engagement.

Flame-retardant Berger textiles can be divided into three generally different types of finishes:

**1. Trevira CS Polyester fabrics (a modified Polyester yarn)**

The fabrics treated with this flame-retardancy are washable. Please find all information on the website of Trevira CS.

Examples for these coatings are:

- 3680-73 universal TCS 300 FR +ws
- 3684-73 TCS Gauze FR +ws
- 3678-73 universal TCS 200 FR +ws

**2. Permanent flame-retardant Polyester fabrics**

The fabrics are treated with a chemicals allowing washing/ cleaning to a certain degree. Dry chemical cleaning seems not to remove the flame retardancy as fast as washing.

We cannot give any guarantee how often the fabrics can be washed / cleaned without affecting the flame retardancy.

Examples for these coatings are:

- 4102-6 creasefree heavy satin FR
- 4102-1002 creasefree heavy satin FR coloured
- 4280-6eco eco display 210 FR
- 3745-6 eco flag 117 FR

**3. Non permanent flame-retardant Polyester fabrics**

This flame-retardant treatment is removable through water/ humidity. Dry chemical cleaning seems not to remove the flame retardancy as fast as washing.

We cannot give any guarantee how strong the flame retardancy will be affected by dry cleaning.

Examples for these coatings are:

- 4280-26 eco display 210 FR +w
- 3745-26 eco flag 117 FR +w
- 4499-6 lightex Fr +w
- 4237-26 backlight satin FR +w
- 4001-6 PES taffeta FR +w
- 2880-8 Bühnenmolton 300 FR
- 4445-77 cotton canvas 200 FR +s
- 4445-6 cotton canvas 200 / Shirting 200 FR

Your Berger Team

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The information in this information sheet are based on findings obtained in practice. Because of the high number of factors which can have an effect during handling and application, customers tests will be required. A legally binding guarantee of specific properties is not to be inferred from our technical information. The information given here may be subject to be changed without notice. This product does not require MSDS data sheets.