

KEEPING FLAMES AWAY

Flame retardancy
using Zeroxy™ polyester
flame retardant fibres

ZEROXY™
FLAME RETARDANT POLYESTER

Litia flame retardant yarns with Zeroxy™ provide:

- excellent permanent flame retardant properties
- a wide range of applications: transport, public venues, home furnishings and health care
- easy care with excellent light, washing and crocking fastness as well as abrasion resistance
- environmentally friendly and fully certified around the world

Litia
home 

Yarns from natural & functional fibres

Flame retardancy

using Zeroxy™ polyester flame retardant fibres

Litia flame retardant yarns:



100% Polyester FR Nm 6-68 (Ne4-Ne40)
malfile, slub, flat, single or twisted

ZEROXY™
FLAME RETARDANT POLYESTER



Safety to rely on with molecularly embedded flame retardant and self-extinguishing properties.

Zeroxy™ is a high performance flame retardant polyester that has been developed for a wide range of unique, attractive and functional flame retardant fabrics with:

- excellent permanent flame retardant (FR) properties
- excellent light resistance
- excellent colour fastness
- excellent smoothness and breathability

ZEROXY™ flame retardant polyester:

- eliminates the need for costly and environmentally hazardous finishes
- provides easy care with excellent light, washing and crocking fastness as well as abrasion resistance
- is environmentally friendly and Öko-Tex certified
- provides trade mark licensing support and assistance through its FR Total Care flammability certification

RTOTALCARE
NEW GENERATION, INTEGRATED FR SOLUTIONS

Features and approvals:

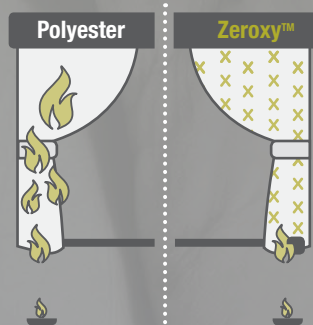
- ZEROXY™ is a flame retardant polyester made with a modified polymer technology that uses a phosphorous compound that does NOT emit toxic gases in a fire.
- It has superior self-extinguishing and permanent flame retardant properties that are preserved even after washing and dry cleaning.
- ZEROXY™ has been fully certified in most Western European and other countries around the world.

Applications:

| | |
|------------------|--|
| TRANSPORT | aircraft, ships, trains and buses |
| PUBLIC VENUES | cinemas, hotels, restaurants, theatres, conference halls, public buildings |
| HOME FURNISHINGS | woven carpets, furniture coverings, filling material, pillow covers, quilts, mattresses, bedspreads and bed covers |
| HEALTH CARE | clinics and hospitals |

Flame Resistance

When compared to regular polyester, Zeroxy™ has exceptional self-extinguishing abilities and high levels of flame resistance.



Zeroxy™ meets the highest safety standards

| Country | Specification | Organization | Results |
|---------|------------------|-----------------------|-------------|
| BELGIUM | NF P92 * 503,4,5 | CENTEXBEL | M1 |
| U.K. | BS5867 | BTTG | TYPE B |
| ITALY | UNI 9174,9175 | CSI * Viale Lombardia | Categoria 1 |
| GERMANY | DIN 4102 Part 1 | TUV Rheinland | B1 |
| U.S.A. | NFPA701 | OMEGA POINT | PASSED |
| DENMARK | IMO FTPC part7 | DIFT | PASSED |

ISO 9001
BUREAU VERITAS
Certification



Predilnica Litija d.o.o., Kidričeva 1
1270 Litija, Slovenia
Tel: +386 1 89 90 200
Fax: +386 1 89 90 248
E-mail: sales@litija.com
www.litija.com
www.litia.eu

Litia
PREDILNICA LITIJ