

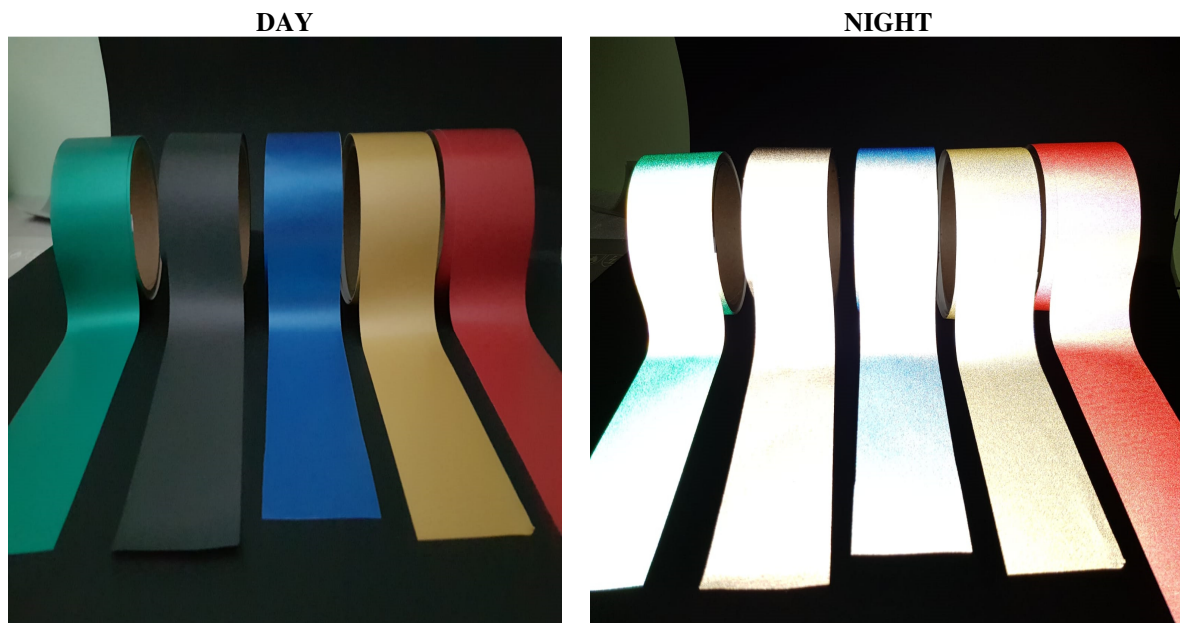
## **GENERAL CHARACTERISTICS:**

SUPER REFLECTIVE is a range of colored products with **very high reflectivity**.

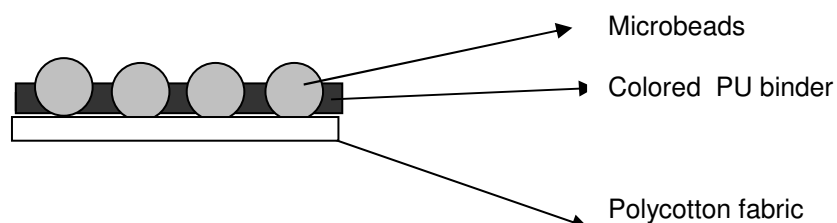
The product basically consists of microspheres having known reflective index partially incorporated in a removable polyester (front layer) and permanently bonded to a fabric, through a colored polyurethane binder.

RETROLUX RF500 SUPER REFLECTIVE is a range of reflective transfers designed for:

- *give an excellent aesthetic effect when applied on garments*
- *Allow a very high retroreflection of light on clothing in conditions of poor visibility*
- *Allow a very high retro-reflection of the light on the garments used for outdoor sports activities.*



## **PRODUCT SCHEME:**



**THERMOTRANSFER**

**RF 500 SUPER REFLECTIVE**

Rev. 1 del 20/03/2020

Total thickness: 250-270 Mycron  
Reflective layer thickness: 180-190 Mycron  
Front layer: Polyester  
Thermoadesive: co-polyester base

**REFLECTIVITY (0,2/5°)** over 350 cd/lux·m<sup>2</sup>

**WASHING PERFORMANCES**

RETROLUX RF 500 SUPER REFLECTIVE keeping good appearance and reflectivity after:.

**50 cycles** at 60 °C (ISO 6330)

**Wash guideline**



Minimum temperature: 30 °C  
Maximum temperature: 60 °C

**Detergent:** Use only ECE type A without perborates



- Optical brightness, perborates or additional bleaches, **reduces washing performances of Retrolux RF 500 Super Reflective black**
- **Do not use** organic solvents, chlorine bleaches and alkaline products (pH>8).
- **Do not exceed** 40 °C during wash
- **Do not exceed** 120 °C during drying

**Drying Conditions**

- Air drying is recommended

**Dry cleaning**



Use pure Perchloroethylene

**ADDITIONAL INFORMATION**

The product is available in a **wide range of colors**  
For more information contact IRC Spa

The material is supplied in rolls of 50 linear meters length and in all widths from 1 cm till 1 meter.  
The cut tolerance is  $\pm 1.5$  mm.  
The thermotransfers of the Retrolux series can be cut with cutting plotters, with dies and with laser.

**IRONING:**

Use cool IRON (110°C)



**PRINTABILITY**

The product can be printed using inks suitable for polyester or other inks, carrying out preliminary adhesion tests.

We recommend the application of the ink with screen printing technique, good results have been obtained with digital printing with ecosolvent inks.

The correct adhesion of the inks must also be verified by subjecting the printed product to repeated washing.

**STORAGE**

Retrolux reflective transfer must be stored in a cool and dry area, we recommend temperatures between 15 and 25 °C and relative humidity less than 70%.

Retrolux reflective transfer must be stored in their original box and used within 1 year of receipt.

**FOR FURTHER INFORMATION CONTACT IRC S.p.A - Italy**