**Recycolor yarn available in :**

## NE7 to 12/1

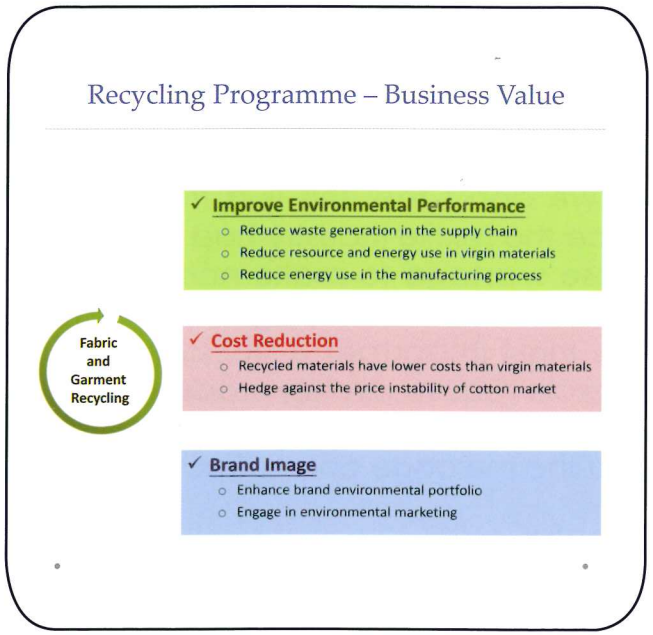
100% Recycled cotton by OE spinning

## NE20/1

30% recycled cotton 70% Virgin or Organic cotton by OE and Siro spinning

## NE30/1

30% recycled cotton 70% Virgin or Organic cotton by Siro spinning




**Control Union certificated**

**Certificated by Control Union Global Recycle Standard (GRS)**

Global Recycle Standard

**Enviromental Friendly**

The Recycolor yarn are certificated by Control Union certifications' Global Recycle Standard (GRS).

For more information, please send enquiries to sales@recycolor.com or contact us on (852) 2721-9842

**Http://www.recycolor.com**

RECYCOLOR

# Recycled Cotton

## Original Color

**Recycled from Fabric Cutting Waste's Original Color with Melange effect**

YAGI

## Recycolor

Recycolor is a new idea of recycle cotton by not only recycling the cotton fiber but also keeping the original color from the textile's waste, that brings the new born textile product environment and cost saving.

## Why Recycolor?

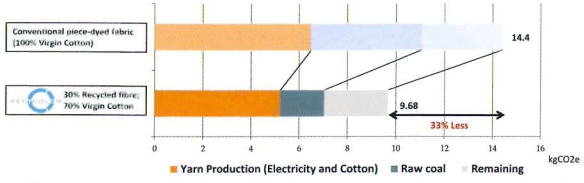
Eco Friendly is the key word for 21st century, more and more consumer looking for the way to reduce their carbon footprint. By estimation, to produce a cotton garment, 20% of energy consume by cotton growing and 50% consumer by dyeing and finishing the fabric. The advantage of using Recycolor to substitutes conventional dyeing is not only saving the energy on cotton growing and dyeing (saving 33% of carbon footprint compare with convention cotton products), it can also reduce using the limited clean water on dyeing process (saving 23% of water consumption) and at the same time save the environment by water polluting release by the dyeing factory.

Original Color

## Environmental Performance

- Recycled products consumes less resources than conventional products, hence it has a lower carbon footprint.
- 33% less carbon footprint
  - Reduced coal use in the dyeing process
  - Reduced electricity use in dyeing process
  - Reduced water use in dyeing process
  - Reduced cotton use in yarn production

Carbon footprint of fabric product*




* Cradle-to-gate footprint at fabric mill gate.

## Environmental Performance

30% Recycled fibre; 70% Virgin Cotton *Vs.* Conventional piece-dyed fabric (100% Virgin Cotton)

- In terms of **EPnL Valuation**, Production of 1 metric tonne of Recycolor fabric:

| Per 1 metric tonne of fabric produced | Recycolor Footprint (Cradle-to-gate)* | Recycolor Valuation (EUR) | Conventional Fabric Valuation (EUR) | Recycolor Cost Savings (EUR) | % Reduced (Compare to conventional piece-dyed fabric - 100% Virgin Cotton) |
|---|---|---|---|---|---|
| Greenhouse Gas Emissions | 9.6 $tCO_2e$ | €639 | €950 | €312 | -33% |
| Waste | 0.2 t | €15 | €16 | €1.7 | -10% |
| Water | 11940 $m^3$ | €9671 | €11748 | €2078 | -18% |

* Cradle-to-gate footprint calculated based on an internal life cycle assessment. Footprint covers environmental impact processes from raw material acquisition to fabric manufacturing.

**No Dyeing required**

**( compared with conventional piece dyed fabric)**

**reduce 33% of carbon footprint**

**and**

**23% of water consumption***

**Price is competitive with Conventional Cotton**

**Suitable for Weaving, Knitting & Home Textile**

***Remarks:**

1. The cradle-to-gate carbon footprint of the "Recycolor fabric" is 9.68 kg CO2e per kg of fabric within the defined boundary and scope.
2. Based on benchmark analysis made by RESET CARBON Limited, which compares "Recycolor fabric" against conventional fabric (100% virgin cotton) manufactured with piece dyeing process; modeled by LCA software Simapro using data provided by sampled manufacturing mills.
3. "Recycolor fabric" is made from 30/70 blend of fabric remnants and virgin cotton.

## Where the Recycolor material from?

We collect the material only from the garment factory working for US/EU market to ensure our recycle cotton is also up to the standard in terms of color fastness and the use of dyestuff. Please don't worry! We will never recycle any material would possibly harm the human body.

## Why Recycolor is Unique?

All Recycolor yarn (colored and raw white) are made by fabric cutting lost which generate by cut and sew process of making a garment, this is so different compare with other recycle cotton product in the market which made by comber noil (wastage of yarn spinning), as we don't feel this is a true recycle since the textile industry had been using those wastage to make normal cotton yarn without informing to consumer, the most important is the comber noil recycle require dyeing process same as conventional cotton but Recycolor give you the melange color effect.