

FTTX V4000 LE SERIE (LOW EMISSION)



21/05/2024

CAMOZZI TECHNOPOLYMERS



1 MATERIE PRIME

1 RAW MATERIALS

V4000 PLUS



Body:

From **Polycarbonate** to **Bio-based Polycarbonate**

Washer, Collet and Safety clip:

From **Pom** to **Bio-based Pom**

Key points of Bio-based raw materials:

High reduction in the use of fossil-based resources

Up to 100% climate neutral
Production with 100% renewable
electricity.

Identical physical, mechanical,
thermal, optical, electrical, weather
resistance, and process properties



V4000 LE



CO₂ values per kg

Unit	Standard Raw Material (ecoinvent source)	Raw Material used by CamoZZi Technopolymers	Bio-based Raw Material used by CamoZZi Technopolymers
Polycarbonate	6,1	3,2	0,0
Pom	3,2	2,6	0,6

2 SITO PRODUTTIVO

2 PRODUCTION SITE

Supply chain:

9 new robots to automate the process

12 new electric injection molding machines with a 50% to 70% energy savings compared to hydraulic machines



Use of renewable energy:

In 2023, a major initiative was undertaken to replace the entire photovoltaic system with state-of-the-art panels to significantly increase the generated energy.



3 PUNTI CHIAVE

3 KEY POINTS

Certification:

ISO 14040 ISO 14044 ISO 14067

Principles and criteria necessary to calculate and report the carbon footprint of a specific product (Product Carbon Footprint)*

*Cradle to Gate



Strategic Guidelines:

The Camozzi Group adopts an ESG approach, emphasizing technological innovation and valuing research and development to continually optimize resource use and internal processes. The three key objectives are:

- Reduction of energy impacts
- Circular economy and renewable materials
- People's well-being and health



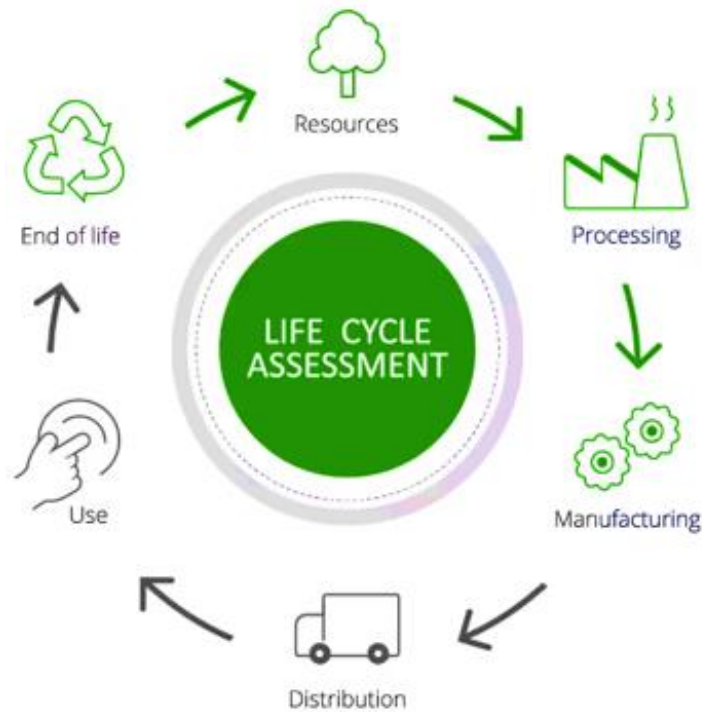
Compared to competitors:

Product with a precise carbon footprint
Shorter lead time and greater sustainability
Entirely European production chain



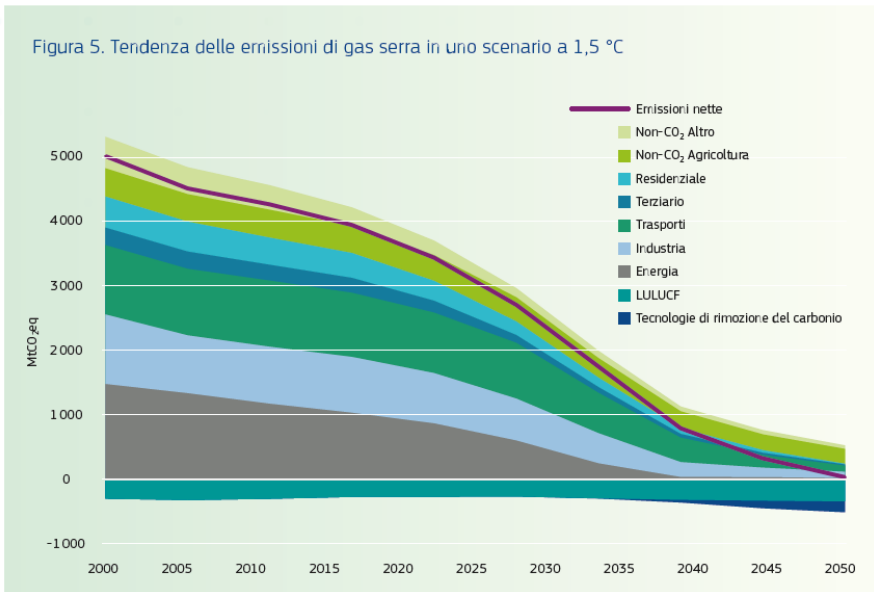
4 PUNTI CHIAVE 4 KEY POINTS

Lca cradle to gate:



Transportation:

According to data from the European Commission, transportation is the second leading cause of total emissions. Thanks to our entirely European production chain, we significantly reduce this impact.



Source European Commission – 2019

5 GAMMA DA SVILUPPARE

5 RANGE TO DEVELOP

For the first market release, the following diameters will be produced:

Model	Description	Ø	Detailed Ø
CV4580	Straight connector	10	10/8
CV4580	Straight connector	14	14/12
CV4581	Straight connector	10	10/6
CV4581	Straight connector	10	10/7
CV4581	Straight connector	14	14/10
CV4581	Straight connector	16	16/10
CV4581	Straight connector	16	16/12
CV4581	Straight connector	16	16/13
CV4581	Straight connector	7	7/3,5
CV4581	Straight connector	7	7/4
CV4750	Endstop connector	10	10
CV4750	Endstop connector	14	14
CV4750	Endstop connector	16	16
CV4750	Endstop connector	7	7

Do you have any questions?

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www.camozzi.com