

ENVIRONMENTALLY-FRIENDLY
ALTERNATIVES FOR SHOE COMPONENTS

GLOBAL THINKING

& Local Action



Analco[®]
THE SHOE COMPONENTS BRAND

*The worst threat to our planet
it is the belief that someone will save it.*
Robert Swan

ENVIRONMENTALLY FRIENDLY
ALTERNATIVES FOR SHOE COMPONENTS

ECOFRIENDLY CULTURE



Green label guarantee

The Green Label Guarantee created by our R&D team certifies that our products have eco-sustainable characteristics.



Green Label Guarantee Implementation



PROCESES

Replacement of chlorinated solvents for non-pollution alternatives

Use of waste produced in our factories for future productions.

Replacement of animal origin oils by vegetable origin oils

Internal symbiosis





ENVIRONMENTALLY-FRIENDLY
ALTERNATIVES FOR SHOE COMPONENTS

Production lines

RAW MATERIALS



Rubber-cork

Footbeds

Rubber

Soles and sheets

Latex-cork

Footbeds

Polyurethane

Outsoles-Midsoles-Insoles

EVA

Sheets

TPU/TR

Soles

Thermoformed

EVA and polyurethane insoles





thermoformed insoles

EVA insoles with

**20% recycled
material**

PU insoles with

**85% recycled
material**



ENVIRONMENTALLY-FRIENDLY
ALTERNATIVES FOR SHOE COMPONENTS

Natural and recycled fabrics

100% naturals and sustainable



Cotton

- Organic
- Antibacterial

Linen

- Fungicide
- UV resistant

Hemp

- Antibacterial
- Not deformable

Vegan EVA insole

- Certified by Inescop

Recycled PU foam insole

- Use of waste materials



SEAQUAL™

ENVIRONMENTALLY-FRIENDLY
ALTERNATIVES FOR SHOE COMPONENTS

Poliester
fiber from
recycled
materials

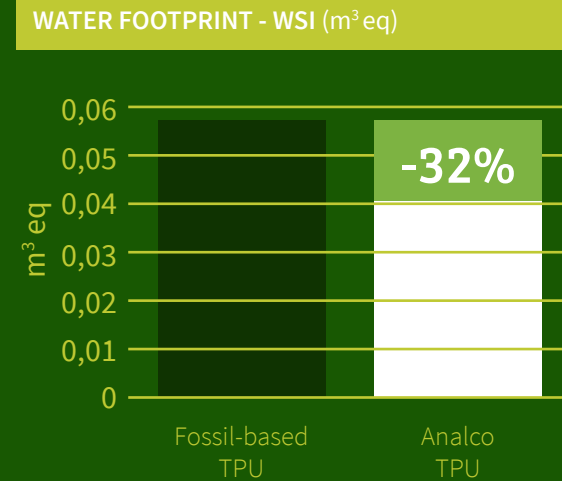
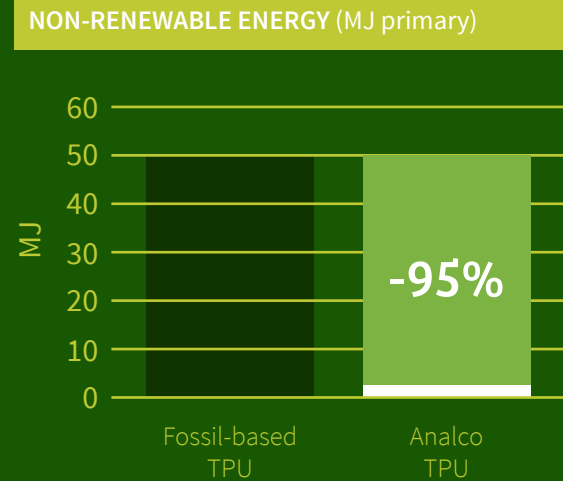
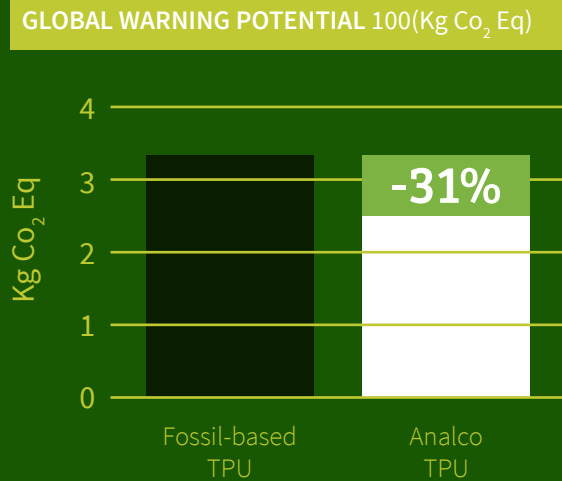


TPU

- Materials based in recycled and recyclable raw materials.
- Same physical properties as conventional TPU.
- Reduction of the carbon footprint.
- Reduction of water consumption in the manufacturing process.



(bio-based TPU) vs. a fossil based TPU



31%

Greenhouse gases reduction

95%

Savings in no-renewable energy

32%

Savings in water consume



ENVIRONMENTALLY-FRIENDLY
ALTERNATIVES FOR SHOE COMPONENTS



TR

Biodegradable

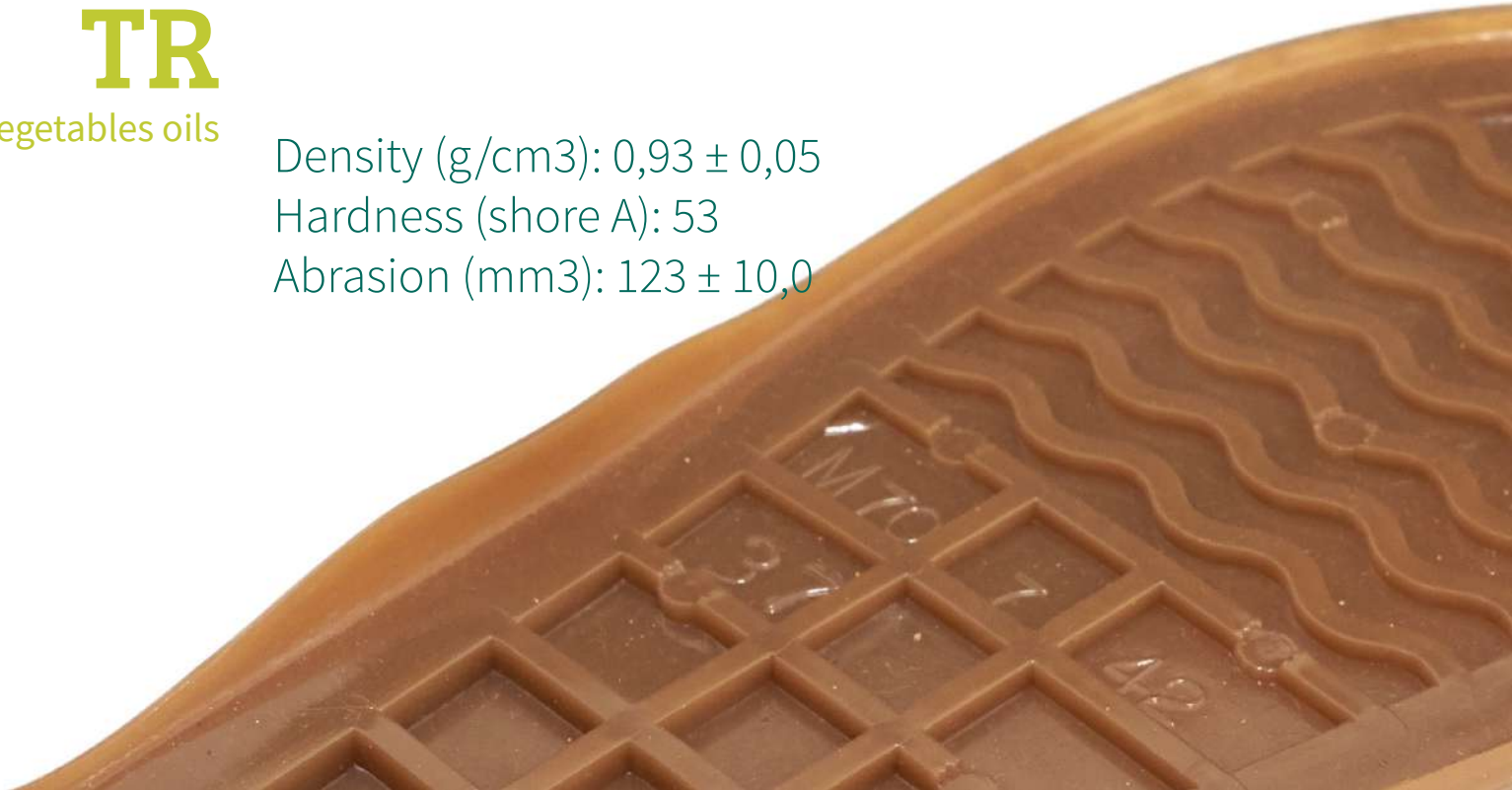
Density (g/cm³): 0,95 ± 0,05
Hardness (shore A): 59
Abrasion (mm³): 125 ± 10,0



TR

100% vegetables oils

Density (g/cm³): 0,93 ± 0,05
Hardness (shore A): 53
Abrasion (mm³): 123 ± 10,0





TR
+ 10% PET

Density (g/cm³): 0,82 ± 0,05
Hardness (shore A): 55
Abrasion (mm³): 73,17 ± 10,0



TR
+ 4,5% CORK

Density (g/cm³): 0,82 ± 0,05
Hardness (shore A): 55
Abrasion (mm³): 125,0 ± 10,0





TR + 10% GROUND RUBBER

termoplastic rubber
with 10% colored
ground rubber

Density (g/cm³): 0,96 ± 0,05
Hardness (shore A): 50
Abrasion (mm³): 160,0 ± 10,0

ENVIRONMENTALLY-FRIENDLY
ALTERNATIVES FOR SHOE COMPONENTS



TR+ CORK + 2% GROUND RUBBER

Density (g/cm³): 0,98 ± 0,05
Hardness (shore A): 60
Abrasion (mm³): 160 ± 10,0

TR + CORK + 10% GROUND RUBBER

Density (g/cm³): 0,87 ± 0,05
Hardness (shore A): 67
Abrasion (mm³): 189,0 ± 10,0



ENVIRONMENTALLY-FRIENDLY
ALTERNATIVES FOR SHOE COMPONENTS

EVA

≤ 20%

Up to 20% of
recycled material
in outsoles,
insoles and
midsole



vegan EVA

Certified by Inescop

Free of components of animal origin



ENVIRONMENTALLY-FRIENDLY
ALTERNATIVES FOR SHOE COMPONENTS

Polyurethane

- Soles made with polyols of non-fossil origin.
- Antibacterial properties
- Up to 50% of ecological content.
- Soles, insoles and midsoles made with our eco-sustainable materials have the same physical properties that the ones made of conventional polyurethane.
- Its use reduces the greenhouse gases emission.



ENVIRONMENTALLY-FRIENDLY
ALTERNATIVES FOR SHOE COMPONENTS

Latex-cork and latex-EVA footbeds

- They come from renovable and recycled sources
- They contribute to savings in energy consumption
- Weight reduction up to 50%



ENVIRONMENTALLY-FRIENDLY
ALTERNATIVES FOR SHOE COMPONENTS

Rubber, soles and sheets.

- We use **natural rubber** in some formulations.
- **Plasticizers of vegetal origin.**
- The materials achieve the physical properties required by the most demanding markets.
- Possibility of using a high percentage from recycled materials like EVA ground, tire ground and natural materials like cork.



RUBBEX

ENVIRONMENTALLY-FRIENDLY
ALTERNATIVES FOR SHOE COMPONENTS

- Expanded rubber with ecological and recycled materials
- Low density
- Good resistance abrasion
- There are in a wide range colors





RUBBEX + 15% recycled EVA

Density (g/cm³): 0,83 ± 0.05
Hardness (shore A): 45-50
Abrasion (mm³): 115,0 ± 10,0

ENVIRONMENTALLY-FRIENDLY
ALTERNATIVES FOR SHOE COMPONENTS



RUBBEX + 15% CORK

Density (g/cm³): 0,80 ± 0.05
Hardness (shore A): 50-55
Abrasion (mm³): 160,0 ± 10,0



ENVIRONMENTALLY-FRIENDLY
ALTERNATIVES FOR SHOE COMPONENTS



RUBBER + 50% recycled EVA

Density (g/cm³): 1,05 ± 0,05
Hardness (shore A): 65-70
Abrasion(mm³): 100,0 ± 10,0

Vegan RUBBER



Density (g/cm³): 1,14 ± 0,05
Hardness (shore A): 65-70
Abrasion(mm³): 160,0 ± 10,0



ENVIRONMENTALLY-FRIENDLY
ALTERNATIVES FOR SHOE COMPONENTS



RUBBER + 50% recycled rubber

Established colors

Density (g/cm³): 1,06 ± 0.05

Hardness (shore A): 46

Abrasion (mm³): 100± 10,0

RUBBER + 50% recycled tires

Density (g/cm³): 1,04 ± 0.05

Hardness (shore A): 57

Abrasion (mm³): 96,5± 10,0



ENVIRONMENTALLY-FRIENDLY
ALTERNATIVES FOR SHOE COMPONENTS



Rubber-cork, footbeds

Through FSC certificates, we can guarantee traceability of the cork used in our products, all of them coming from forest sustainable cork.



Through the **Vegan certificate** granted by Inescop, we offer rubber-cork footbeds manufactured with raw materials that are free of animal component.



ENVIRONMENTALLY-FRIENDLY
ALTERNATIVES FOR SHOE COMPONENTS

RUBBER-CORK + 15% ground rubber

- High flexion resistance





move on
go on
green
analco.com

