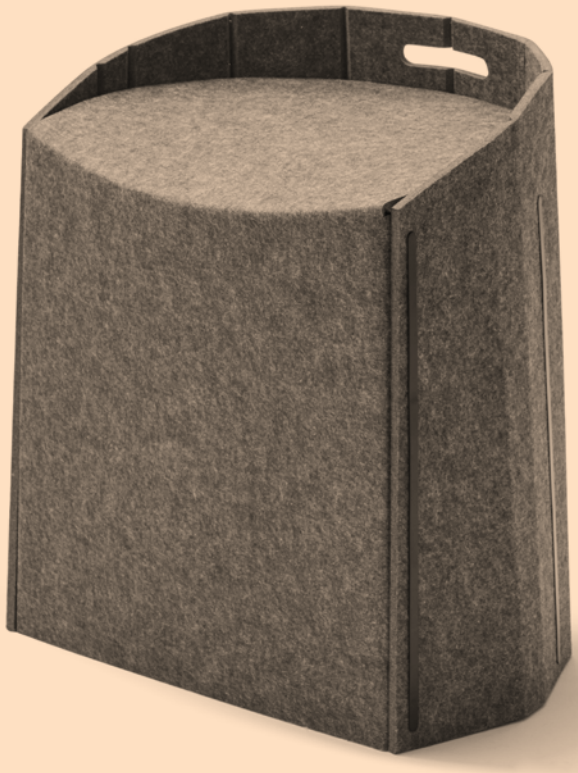
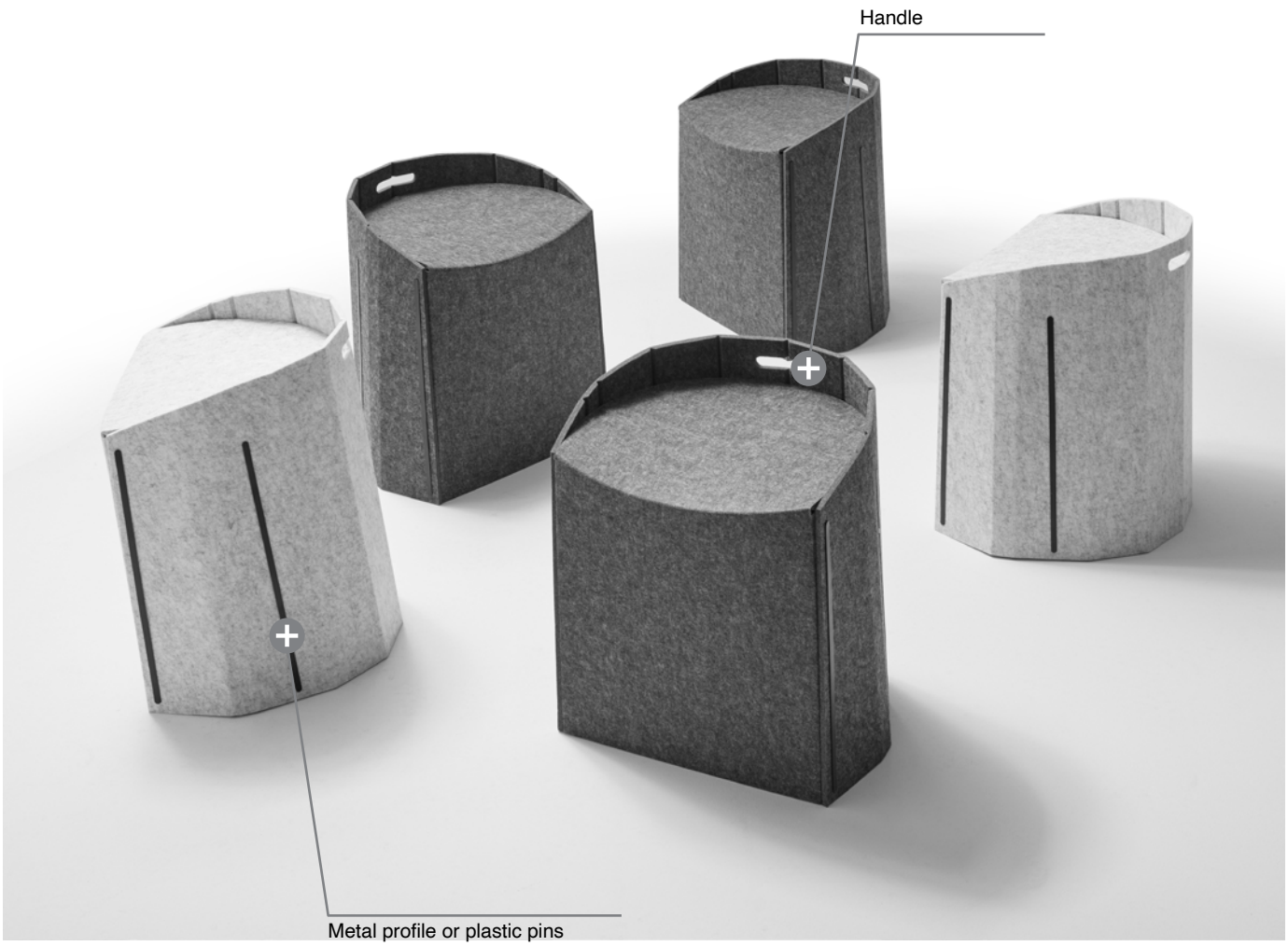
Forma 5

TECHNICAL FEATURES

MUVIT SEAT

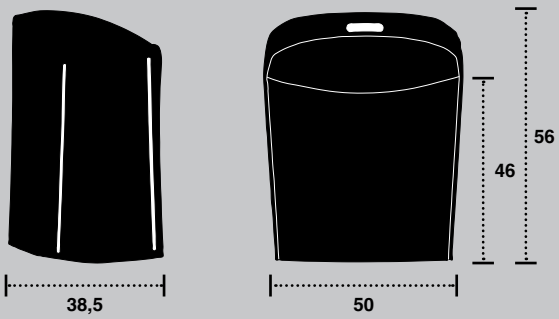


STOOL | PET



DIMENSIONS

Height	**56** cm
Seat height	**46** cm
Seat depth	**38,5** cm
Width	**50** cm



Dimensions in centimeters

ELEMENT DESCRIPTION

SEAT

Seat consisting of 3 PET pieces 9 and 12 mm thick and joined together by a metal profile or plastic pins.

Very light and portable, it has a handle on the back of the seat that makes it even easier to handle and carry.

PET

Polyethylene terephthalate (PET) is a lightweight, waterproof plastic that is widely used in beverage containers and textiles. It is a polymer that belongs to the group of synthetic materials called polyesters. It can be processed by extrusion, injection and thermoforming. PET has high wear and corrosion resistance, chemical and thermal resistance and it is recyclable. PET's physical properties and its ability to fulfil various technical specifications have been the reasons why this material has achieved significant development in the production of textile fibres.

Using PET offers major advantages in terms of sustainability:

- The process of manufacturing it requires less energy and resources than other materials.
- The same applies to transport and storage, due to the material's lightness.
- They support a lower carbon footprint because it generates less solid waste.
- It is possible to recycle them almost indefinitely if an efficient recycling process is used.

PET has the highest certifications, making it an entirely safe material for manufacturing and everyday use.fabricación y el uso cotidiano.

Life Cycle Analysis
Program MUVIT Seat

RAW MATERIALS		
Raw Material	Kg	%
Steel	0,11	70,48
Plastic	2,515	90,65

% Recycled materials = 70,48%
% Recyclable materials = 90,65%

Ecodesign

Results reached during the life cycle stages

MATERIALS

Aluminium
60% recycled material.

Steel
15%-99% recycled material.

Plastic
30%-40% recycled material.

Upholsteries
Without COV emissions and certified by Okotext.

Staff material
Without HCFC and certified by Okotext.

Packings
100% recyclable with inks with no solvents.

PRODUCTION

Raw materials use optimization
Board, upholstery and steel tubes cut.

Renewable energies use
reducing the CO2 emissions. (Photovoltaic pannels)

Energy saving measures
in all production process

COV global emission reduction
of the production processes by 70%.

Podwer painting
Recovery of 93% of the non deposited painting

Glue removal from the upholstery

The facilities
have an internal sewage for liquid waste.

Green points
at the factory

100% waste recycling
at production process ans dangerous waste special treatment.

TRANSPORT

Cardboard use opmitization
of the packings

Cardboard and packing materials use reduction

Flat packings and small bulks
to optimize the space.

Solid waste compacter
which reduces transport and emissions.

Light volumes and weights

Transport fleet renewal
reducing by 28% the fuel consumption.

Suppliers area reduction
Local market power and less pollution at transport.

USE

Easy maintenance and cleaning
without solvents.

Forma 5 guarantee

The highest quality
for materials to provide a 10 year average life of the product.
Useful life optimization

of the product due to a standarized and modular design.

The boards
with no E1 particle emission.

END LIFE

Easy unpacking
for the recyclability or compound reuse.

Piece standarization
for the use.

Recycled materials used for products (% recyclability):
Wood is 100% recyclable.
Steel is 100% recyclable.
Aluminium is 100% recycable.
Plastics are from 70 to 100% recyclable.

With no air or water pollution
while removing waste.

Returnable, recyclable and reusable packing

Product recyclability 87%

CHAIR MAINTENANCE AND CLEANING GUIDE

LINES FOR A CORRECT CHAIR CLEANING AND MAINTENANCE, CONSIDERING THE DIFFERENT MATERIALS:

FABRICS

1. Vacuum often.
2. Rub any stains with a wet cloth with PH neutral soap.
   Test first on a hidden spot.
3. Alternatively dry foam carpet cleaner can be used.

PLASTIC PIECES

Rub any dirty áreas with a wet cloth with PH neutral soap.

Never use abrasive products.

METAL PIECES

1. Rub any dirty areas with a wet cloth with PH neutral soap.
2. Polished aluminium pieces can have their lustre enhanced by rubbing with a dry cloth.

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