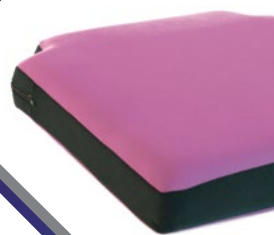


# Building the Perfect Solution



# How to build the Perfect Solution

## Description of the Versa component system

All **Versa** components are individually designed to be highly adjustable allowing for continuous adaptation of the system to compliment the pathological and anatomical evolution of the patient over time.

The modular and adjustability characteristic of each component allows the health professional during each assessment to realise the optimum total solution for the patient.

In most cases, the system will consist of a supporting structure (multi-layers of wood) covered by a triple composite layer of foam and a nylon- neoprene, lycra / nylon cover (Fire Retardant). The composite layer of foam consists of one layer of polyurethane "Memory-Foam" which offers exceptional comfort, whilst being self-shaping and distributing the weight throughout the entire body contact surface minimising pressure.

The Versa system and individual components can be used conjunction with an **Adacta chassis**, manufactured by ourselves at Pro Medicare, or with most chassis currently available from other manufacturers via an appropriate fixing hardware.

... from the Pro Medicare Protocol; Evaluation tools

### Measurement Guidelines form

**SUPINE measurement**

| side L  | side R  |
|---------|---------|
| 1 ..... | 1 ..... |
| 2 ..... | 2 ..... |
| 3 ..... | 3 ..... |
| 4 ..... | 4 ..... |
| 5 ..... | 5 ..... |
| 6 ..... | 6 ..... |
| 7 ..... | 7 ..... |
| 8 ..... | 8 ..... |
| H ..... | H ..... |

**SITTING measurement**

| side L   | side R   |
|----------|----------|
| 2 .....  | 2 .....  |
| 4 .....  | 4 .....  |
| 5 .....  | 5 .....  |
| 6a ..... | 6a ..... |
| 7 .....  | 7 .....  |

### Adacta Simula



The tailored dress  
perfectly fit

The Adacta Simula is an evaluation tool that allows the **Professional Assessor** to accurately and quickly measure the adult or paediatric client and evaluate their desired postural needs.

It will allow an instant evaluation of the **efficacy of the proposed individual solutions**, whilst gaining immediate feedback from the client.

Measurements should be obtained in both the supine and sitting positions so that we can **produce a system in line with the rehabilitation project**.

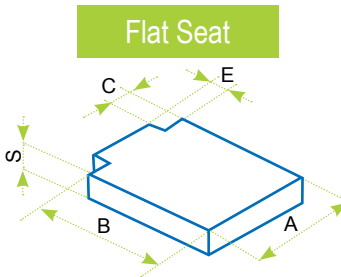


... from the Pro Medicare Protocol; A guide to choosing the right posture system.

## Pelvis Postural Units

The function of the Seat as postural unit for the pelvis is:

- to distribute the weight of the patient preventing the bedsores
- to reduce pressure peaks on the ischial tuberosities
- to prevent and/or to compensate for pelvic deformities
- to provide stability and comfort

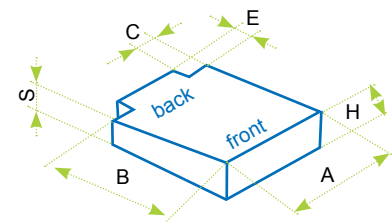


| SIZES (cm) | US | XXS | XS | XS1 | S  | M  | M1 | L  | XL |
|------------|----|-----|----|-----|----|----|----|----|----|
| WIDTH      | 30 | 36  | 36 | 39  | 42 | 42 | 45 | 48 | 48 |
| LENGTH     | 38 | 38  | 42 | 44  | 44 | 50 | 50 | 44 | 50 |

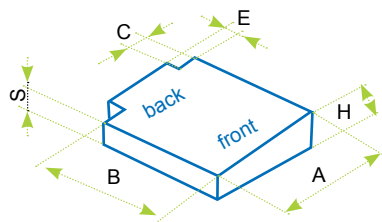
MEASUREMENTS COMMON TO ALL SEATS (cm)

|     |     |
|-----|-----|
| C=5 | E=6 |
|-----|-----|

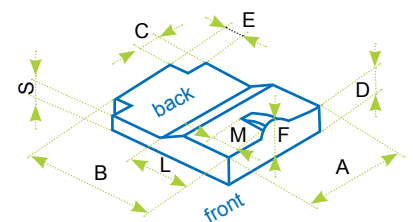
The **VERSA** measurement form allows for different seat sizes, shapes and foam profiles.



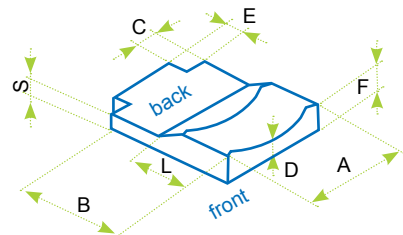
Wedge Seat  
(Anterior or posterior)



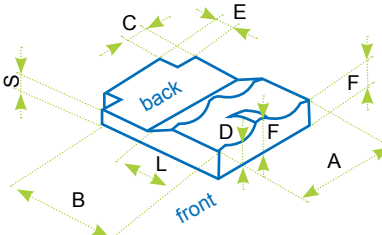
Lateral Wedge Seat  
(Right or left-side)



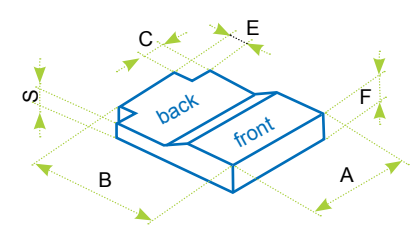
Anti-thrust Seat with Abductor



Anti-thrust Seat with Adductor



Contour Seat



Anti-thrust Seat

## VERSA SEATS

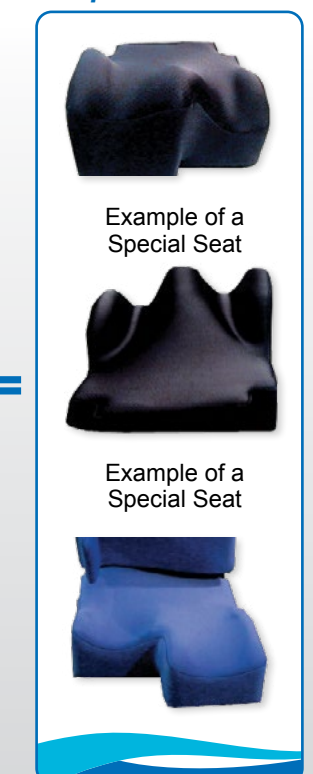
### Versa Seat forms



### Versa Seat shaping



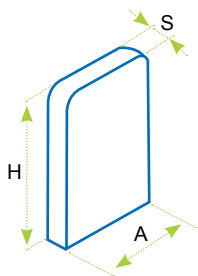
### Examples of special Versa seats



... from the Pro Medicare Protocol; A guide to choosing the right posture system.

## Trunk Postural Units

The backrest modular and multi-adjustable postural unit aimed to give support and stabilisation to the trunk.



Flat backrest

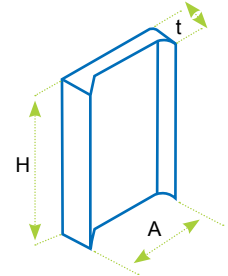
### BACKREST DIMENSIONS

| MISURE (cm) | US | XXS | XS | XS1 | S  | M  | M1 | L  |
|-------------|----|-----|----|-----|----|----|----|----|
| LARGHEZZA   | 30 | 36  | 36 | 39  | 42 | 42 | 45 | 48 |
| LUNGHEZZA   | 38 | 38  | 42 | 46  | 46 | 50 | 52 | 50 |

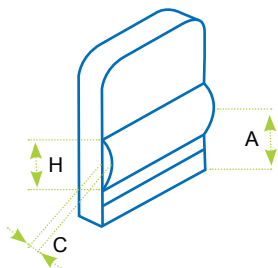
### MEASUREMENTS COMMON TO ALL BACKRESTS (cm)

S=5

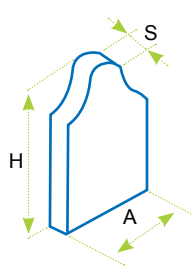
T=8



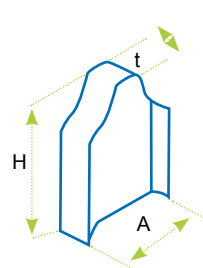
Contoured backrest



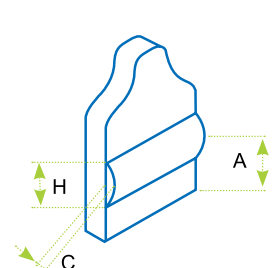
Backrest with adjustable lumbar support



Flat backrest with scapular cut outs



Contoured backrest with scapular cut outs



Backrest with scapular cut outs and adjustable lumbar support

## VERSA BACKRESTS

### Versa Backrests forms



STANDARD



SCAPULAR CUT OUTS



I-SHAPE

### The Versa backrest shapes



Flat



Contoured



With  
'FOAM IN PLACE'  
bespoke Insert

In addition to all three models the backrest profiles can be personalised with fixed or removable lumbar support.

### Examples of Versa special backrests



### Accessories

#### • THORACIC SUPPORT

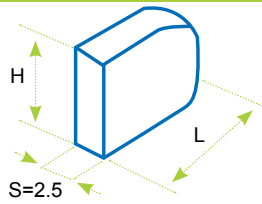
The thoracic support is modular, multi-adjustable and is composed of two parts:

- A metal bracket;
- A flat or contoured upholstered pad.

It has the function:

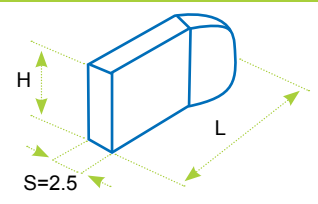
- To help provide symmetry;
- To provide lateral and/or anterior support to the trunk.

#### Linear or Under arm shaped Flat padded support type



| SIZES (cm) | XS | S  | M  | L  |
|------------|----|----|----|----|
| H          | 8  | 10 | 12 | 12 |
| L          | 10 | 12 | 15 | 18 |

#### Linear or Under arm shaped Contoured padded support type



| SIZES (cm) | XS | S  | M  |
|------------|----|----|----|
| H          | 8  | 10 | 12 |
| L          | 14 | 16 | 19 |



Linear flat support



Under arm shaped flat support



Linear Contoured Flat support



Under arm shaped contoured support

#### • UPPER LIMB SUPPORT

Arm support has the function :

- To give support to the forearms;
- To support and displace a proportion of the arms and trunk weight off of the ischial tuberosities;
- To help the residual activities/abilities.

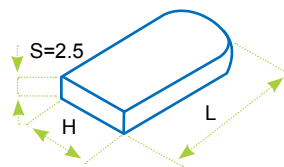
The arm support unit is composed of three parts:

- Two metallic brackets;
- An upholstered pad in straight or shaped form.

Every support can be:

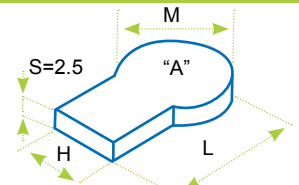
- Straight or contoured (external, internal and posterior edge)
- Flat shaped (palm, elbow)
- Shaped with contoured edges (external, internal and posterior edge)

#### Flat support



| SIZES (cm) | XS | S  | M  | L  |
|------------|----|----|----|----|
| H          | 8  | 10 | 10 | 12 |
| L          | 22 | 25 | 30 | 35 |

#### Shaped support



| SIZES (cm) | XS | S  | M  | L  |
|------------|----|----|----|----|
| H          | 8  | 10 | 10 | 12 |
| L          | 30 | 35 | 40 | 48 |
| M          | 12 | 15 | 17 | 17 |



Contoured Palm shaped support



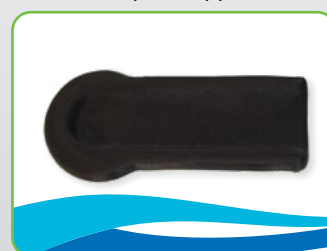
Straight Palm support



Straight Flat support



Straight contoured support



Contoured Elbow shaped Support



Straight Elbow shaped support

### Accessories

#### • HIP GUIDES

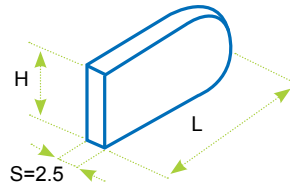
The hip guides are composed of two or three parts:

- One or two metal brackets;
- An upholstered pad.

They have the function :

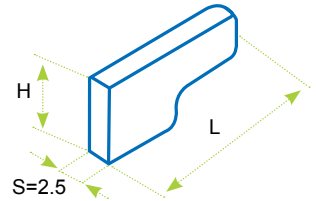
- To Prevent/support the pelvic obliquity;
- To Prevent/support the pelvic transversal rotation;
- To Prevent/support abduction;
- To Prevent/follow the wind-swept position of the thighs.

#### Straight pad



| SIZES (cm) | XS | S  | M  | L  |
|------------|----|----|----|----|
| H          | 8  | 10 | 10 | 12 |
| L          | 22 | 25 | 30 | 35 |

#### Shaped pad



| SIZES (cm) | XS | S  | M  | L  |
|------------|----|----|----|----|
| H          | 8  | 10 | 10 | 12 |
| L          | 22 | 25 | 30 | 35 |



Straight pad



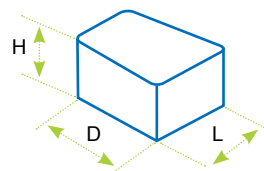
Shaped pad

#### • ABDUCTION BLOCK

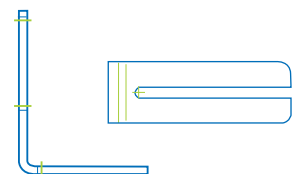
The function of an abductor is to help maintain a good leg position and help prevent the client sliding forwards. It is mounted to the seat bottom with a quick release adjustable bracket and can be easily height adjusted.

#### ABDUCTION BLOCK DIMENSIONS

| SIZES (cm) | S   | M  | L    |
|------------|-----|----|------|
| H          | 7.5 | 9  | 10   |
| D          | 9   | 10 | 11.5 |
| L          | 7.5 | 9  | 10   |



Padded abduction block



L- metal bracket for abduction block

## Building the Perfect Solution



Abduction block with L BRACKET

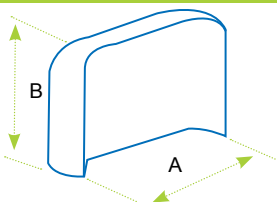
### Accessories

#### • LOWER LEG/CALF SUPPORT

The lower leg/calf support provides support to the leg and it's available in 2 versions:

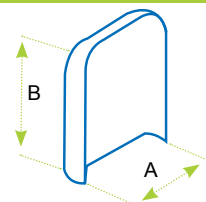
- One piece for both legs;
- Two piece for separate legs.

#### One piece leg support



| SIZES (cm) | US | XXS XS | XS0 XS1 | S M | M1 | L XL |
|------------|----|--------|---------|-----|----|------|
| A          | 23 | 26.5   | 25      | 28  | 31 | 34   |
| B          | 10 | 12     | 15      | 18  | 18 | 18   |

#### Two piece leg supports



| SIZES (cm) | US  | XXS XS | XS0 XS1 | S  | M  | M1   | L XL |
|------------|-----|--------|---------|----|----|------|------|
| A          | 9.5 | 12.5   | 12.5    | 14 | 14 | 15.5 | 17.5 |
| B          | 12  | 12     | 15      | 15 | 18 | 18   | 18   |



One piece leg support



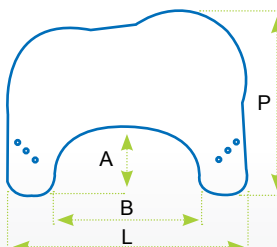
Two piece leg supports

#### • TRAY

Tray function:

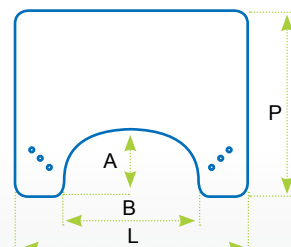
- To provide support to the forearms;
- To help support some of the weight of the trunk and arms from the ischial tuberosities;
- To help support the users residual activities and abilities.

#### Ergonomic tray



| SIZES (cm) | XS | S  | M  | L  |
|------------|----|----|----|----|
| P          | 47 | 53 | 58 | 66 |
| L          | 58 | 69 | 75 | 86 |
| B          | 35 | 42 | 49 | 55 |
| A          | 17 | 19 | 21 | 24 |

#### Rectangular tray



| SIZES (cm) | XS | S  | M  | L  |
|------------|----|----|----|----|
| P          | 45 | 50 | 55 | 63 |
| L          | 56 | 66 | 71 | 82 |
| B          | 35 | 42 | 48 | 55 |
| A          | 17 | 19 | 21 | 24 |

Tray mounting hardware



Ergonomic tray

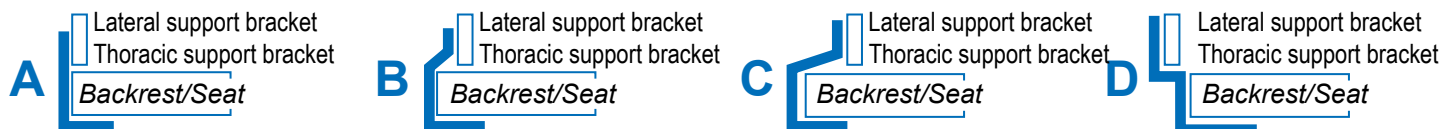


Rectangular tray

### Hardware

#### • BRACKETS

These brackets are highly adjustable and configurable and allow the seating and positioning system to be fully adapted to each client as closely as possible, whilst allowing for easy adjustment to accommodate changes in the clients' posture and or activities



A = L bracket

B = Offset bracket of 2.5 cm

C = Offset bracket of 5 cm

D = Offset reverse bracket

The bracket design allows for adjustability\* in seat and backrest width, in particular:

- A L 90° bracket allows the width to be narrowed up to 2.5 cm per side
- B Offset brackets of 2.5 cm allow the width to be narrowed up to 5 cm per side
- C Offset brackets of 5 cm allow the width to be narrowed up to 7.5 cm per side
- D The offset Reverse bracket allows the width to be enlarged

\* (please always consider the padded upholstery thickness)

Each bracket can be:

- Fixed bracket (3 lengths)
- Detachable bracket (2 lengths)

The brackets are fixed to the seating system with button head Allen screws into T-Nut inserts located on the wood support structures.

#### BRACKETS FOR SEAT BASES OR FLAT BACKRESTS



Cod. S1AL

• Fixed Brackets A



Cod. S1BL

• Fixed Brackets B



Cod. S1CL

• Fixed Brackets C



Cod. S1DL

• Fixed Brackets D

**i** Also available in short and extra long versions and used for both the right and left-hand applications



Cod. S2A

• Detachable Brackets A



Cod. S2B

• Detachable Brackets B



Cod. S2C

• Detachable Brackets C



Cod. S2D

• Detachable Brackets D

**i** Also available in long versions and used for both the right and left-hand applications

## Hardware

### BRACKETS FOR CURVED BACKRESTS



• Fixed Brackets



• Swing away/folding Brackets

### FIXATION ACCESSORIES FOR SEATS / BACKRESTS



• Securing Clamp

Ø : 20 / 22 / 25



• Locking Collars

Ø : 20 / 22 / 25



• Interlocking Clamp

Ø : 20 / 22 / 25



• Adaptability Kit

Ø : 20 / 22 / 25

### HEADREST HARDWARE



• Long Horizontal Bar

Cod. PMDC02



• Short Horizontal Bar

Cod. PMDC02C



• Vertical Bar

Cod. PMDC01



• Removable Mounting Unit

Cod. PMDC06



• Multi-adjustable kit with horizontal bar

With Long horizontal bar

Cod. PMDC05

With Short horizontal bar

Cod. PMDC05C

## Hardware

### OPTIONAL ACCESSORIES



• Single multi-adjustable foot plate



• Single multi-adjustable slotted foot plate kit



• Orbital Adjustment Kit for foot plate



• Padded shoe holder



• Knee block kit



• Padding for foot plates



• Frame folding bracket assembly  
Ø : 25



• Semi-rigid sash for supporting legs



• Backrest base in wood



• Seat base in wood



• Hip guides/arm support wood base kit

## **Special Constructions**

### SEATS



- **Posterior wedge seat**



- **Special asymmetric seat with differentiated anatomic construction**



- **Asymmetrical seat with differentiated left side wedge construction**



- **Special contoured basin seat with a right side wedge sector**



- **Seat with special knee spacer construction**



- **Special split seat with differentiated sides**



- **Special split contoured Seat with differentiated wedge construction**



- **Trapezoidal seat with abductor**



### BACKRESTS



- **Shell type backrest**



- **T-shaped backrest with lumbar contour**



- **Asymmetrical I-shaped backrest**

## **Special Options; Posture**

### BACKRESTS



- Backrest with thoracic-lumbar contour



- Backrest with C-shaped cut and oblique padding

### SPECIAL CONSTRUCTION OPTIONS



- Special Versa Adacta Kit for ventilator and oxygen cylinder



- Special Versa Adacta model with left sided trapezoidal seat frame



- Versa Adacta Special model



- Versa Adacta Special model

## Special Versions

### SPECIAL VERSIONS



• Versa Adacta Special model



• Versa Adacta Special model



• Versa Adacta Paediatric model



• Versa System with Adacta upper frame to adapt to other manufacturers indoor frame



• Versa System with Adacta superstructure base to adapt to other manufacturers indoor frame



• Versa System for Powerchair from other manufacturers

## **Special Versions**

### **SPECIAL VERSIONS**



• **Versa Adacta  
Special model**



• **Versa Adacta  
Special model**

### **SPECIAL ADDITIONAL EQUIPMENT**



• **Custom headrest  
I-shaped backrest with  
lumbar contour**



• **Custom headrest  
Contour back**



• **Arm support  
assembly with  
multi-adjustable  
positioning device  
for the hand**



• **Wrap around  
arm support with  
lateral-posterior  
contour and multi-axial  
articulation**



• **Wrap around  
arm support with  
lateral-posterior contour  
and with multi-axial  
articulation**

## **Special Versions**

### ADDITIONAL SPECIAL EQUIPMENT



- Arm Supports with straps



- Arm Support with lateral-posterior multi-adjustable pads



- Arm Support with posterior curve



- Padded leg cradle



- Thoracic supports with padded detachable hardware



- Padded footplates



- Thoracic support hardware with quick adjustment and posterior removal



## Materials

### SHAPING

#### Material: Expanded polyethylene



• Soft density



• Medium density



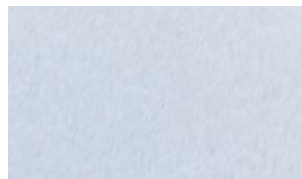
• Rigid density

### PADDING

#### Version: Standard



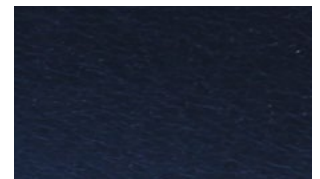
• Anti-decubitus  
memory foam



• Expanded flexible  
polyurethane foam



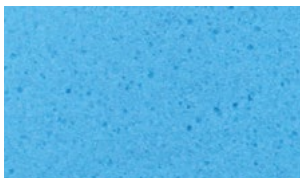
• Reticulated  
foam



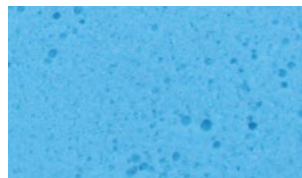
• Polyethylene  
foam

#### Version: Special

#### Material: Flexible open celled foam



• Sun Mate  
Soft density



• Sun Mate  
Medium density



• Sun Mate  
Rigid density



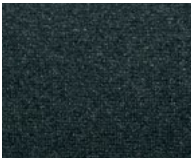
• Pudgee

## Materials

### UPHOLSTERY COLOURS

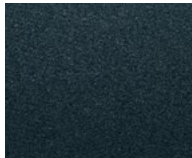
**Tissue:** lycra/nylon neoprene - lycra/lycra neoprene

COD. 201



• Black perforated  
lycra ventech

COD. 101



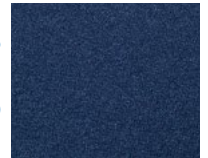
• Black Lycra

COD. 106



• Violet Lycra

COD. 102



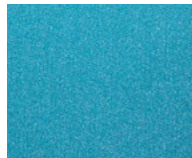
• Navy Lycra

COD. 103



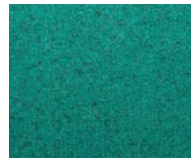
• Royal lycra

COD. 104



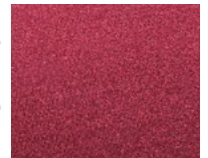
• Turquoise Lycra

COD. 505



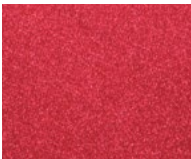
• Green Nylon

COD. 107



• Wine Lycra

COD. 108



• Scarlet Lycra

COD. 109



• Royal perforated  
Nylon ventech

COD. 105



• Green perforated  
Nylon ventech

**Upholstery:** Leather flex

COD. 901



• Black

COD. 915



• Ocean



# COLORS



## Building the Perfect Solution

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