



Flex 6076

### Technical specifications

› **Structure**

· Made of tube and steel plate arc welding with continuous wire.

› **Polyurethane foam**

· Seat density: 60-65Kg/m<sup>3</sup>.  
 · Backrest density: 50-55Kg/m<sup>3</sup>.

› **Upholstery**

· Reaction to fire standards:  
 - Spain: UNE-EN 1021 Parts 1 and 2.  
 - France: NF D 60-013.  
 - Italy: UNI 9175 Class 1.IM.  
 - Germany: DIN 66084.  
 - USA: CAL TB117.

› **Paint**

· Electrostatic powder polyester paint.  
 · Paint Thickness: 70-80 microns.  
 · Grid adhesion according to UNE-EN ISO 2409 : 100%.

› **Fire resistance**

· BS 5852. Clause12. Ignition sources 0,1 and 5. (with approved fabric).  
 · USA:CAL T.B. 133 (with approved fabric).

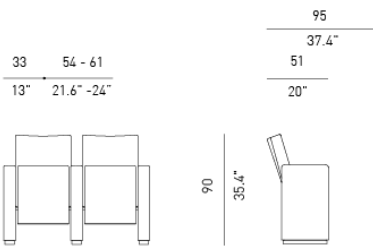
› **Resistance and durability classification**

· UNE-EN 12727 Level 4 (Severe use).

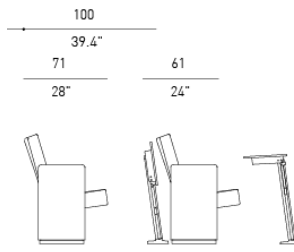
› **Ergonomics and Comfort** 

· Seat tested in official laboratory - IBV - Instituto de Biomecánica de Valencia.

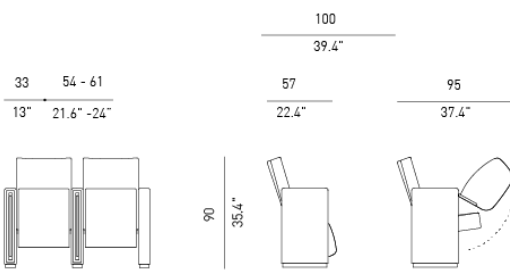
### General dimensions



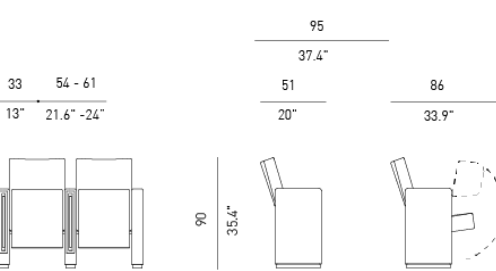
Flex 6076



Flex 6076 + F 48



Flex 6076 + A3PL



Flex 6076 + A4PL

However, for the purpose of facilitating to the customer the latest novelties, FIGUERAS reserves the right to introduce the modifications and variations that it considers most appropriate and suitable for marketing its products.

## General description

Highly comfortable seat, fully upholstered, with a design that highlights its geometric and simple forms.

Seat with folding seat, with lateral sides for fixation to the floor or platform. They are normally distributed in rows, sharing the sides, except on the extremes of the row.



When not in use, the seat is perfectly aligned with the front and the top of the side, which emphasizes the image of linearity and continuity.

It provides great durability, as the seat consists of a single block of cold-molded polyurethane foam that completely covers a metal structure, consisting of a curved tube frame, a weft of flat springs and articulation pivots for rotation.

The block is covered with an easily interchangeable upholstery cover, with a zipper system. The backrest has the same characteristics. The side, all the way to the floor, acts as an armrest and is always fully upholstered.

The automatic return of the seat is carried out by means of a double ball-and-socket joint system with springs and with Controlled Soft Rise Technology that avoids noise or annoying blows when the seat is returned to its resting position.

The side panels end in a lower steel base, by which the seat is fixed to the floor, with hidden metal expansion plugs.

Reaction to fire: This product complies with international regulations.

## Product details

Seat pan and backrest with metal frame and molded foam. The molded foam keeps shape and volume longer than cut foam.

Slow and silent return seat pan.



Backrest with ergonomic form to have good lumbar support.

Seat pan with foam for comfort and metal frame for durability.



Centre-to-centre variable from 54-61cm.

A mix of rigidity and stability thanks to the solid link between seats.



$$A < B < C$$

$$A' < B' < C'$$



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Options



Side panels



Backrest wooden panel

Accessories and solutions for projects



A3PL Tablet



A4PL Tablet



Tablet F48 + ECI / CSI



Custom product



Tablet F1000 + ECI / CSI

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## Materials and finishes

### › Metal Parts Features

- The steel complies with the following European standards:
  - Tube up to 2mm thick: Alloy designation according to UNE-EN 10305 part 3: E-220.
  - Tube more than 2 mm thick: Alloy designation S275JR.
  - Plate: alloy designation according to EN 10111: DD12.

### › Protection and Paint of Metal Parts

- Prior to powder coating, metal parts are treated with a three stage, non-acidic cleaning process to achieve superior finish adhesion. The finishing of the thermosetting polyester powder coating must be applied by electrostatic means with a minimum thickness of 70-80microns.
  - After coating, the parts must be oven cured to create a durable finishing that meets the following requirements:
    - Composition: Polyester powder suitable for outdoor use.
    - Cross Cut Test Adhesion according to UNE-EN ISO 2409 classification GT 0-1.
    - Scratch resistance according to ISO 15184:98 Level HB-H.
    - Total thickness: 70-80Microns.
    - Rust resistance (NSS), according to ISO 9220: 200 h.
    - Resistance to MEK 50 double rubs without paint stripping.

### › Seat and Backrest Cushions Features

- The seat and backrest cushions are made of cold moulded polyurethane foam.
  - In the inside, both include metallic tube structures and steel plates, with springs. This system guarantees great comfort and avoids the appearance of deformations in the foams, even after an intensive use.
  - The upholstery of the cushions and the headrest can be handcrafted, allowing all types of upholstery: fabrics, similar leather or natural leather, within the range of products approved by Figueras.
  - This allows the seat to be customized according to each project's requirements.
  - Optionally, a fire barrier can be incorporated between the upholstery and the PUR foam.
  - They comply with all international fire behaviour requirements.
  - Seat foam density 60-65 kg/m<sup>3</sup>.
  - Backrest foam density 50-55Kg/m<sup>3</sup>.

### › Upholstery

• Group A:  
Figueras Fabrics ®



• Group B:



• Group V:

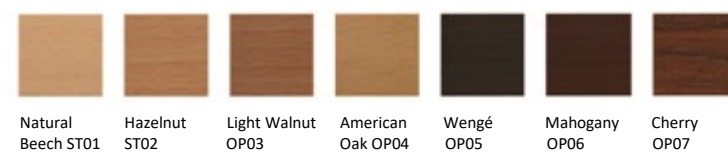


• Group L:



(\*) Fabric sample / printed by collection. Check colours available.

### › Finishes for wood parts



Ask our team for further available options