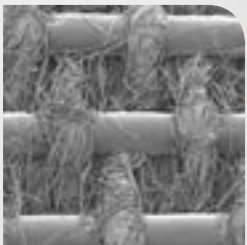


# imeco



Suspension System

**LIGHT &  
FLEXIBLE**

for your  
Seating Comfort

**dy:metrol**

Create your Seating Innovation with

# dymetrol®

## What actually is Dymetrol®?

Dymetrol® is a special high performance fabric which takes over the role of the suspension system in all types of seat constructions.

With Hytrell® monofilament fiber as weft and polyester multifilament as yarn, bonded at each intersection, the elastic fabric Dymetrol® combines the components of seating comfort, ergonomics, function and durability.

As a result of using Dymetrol® as suspension system you can eliminate the use of foam and spring materials to reduce the final product weight.

So this high tech fabric is perfectly suited to the lightweight sector and you even can save costs.

Dymetrol® further eliminates pressure peaks, noise or squeaks and deep cushions.

## Dymetrol® Characteristics at a Glance

- conforms to shape
- is creep resistant
- recovers immediately
- distribute pressure ergonomically
- is flexible uni-directionally
- is chemical and age resistant
- is ozone resistant
- is resistant to mould, decomposition, bacteria, urine, sweat, gasoline, saltwater and acetic acid
- meets the requirements of EU regulation 2000/525/EC

Dymetrol® offers a seat comfort package and is already used ...



...in the aerospace industry



...in the automotive industry

dymetrol®

economical

**ERGONOMIC**

comfortable

**LIGHT**

efficient

**DURABLE**

flexible

sustainable



In helping you saving weight, space and finally money –  
Dymetrol® is the first choice to create your seating innovation.

## How to install Dymetrol®?

In advance, Dymetrol® is really easy to install and enables all common mounting options, e.g. :

- using profiles
- hooks
- sewing
- using velcros

Using profiles only requires to sew the woven fabric on the profile before attaching it directly to the frame.

Or you sew a cover with Dymetrol® which only has to be put over the frame.

Another possibility is using velcros. For this purpose loop and hook are attached in position to reach the necessary tension of the material. Additional push-buttons guarantee the exact position.

For your seating comfort we recommend for all methods to observe a pretension of at least 5%.

FEEL FREE  
AND DESIGN  
YOUR SEAT  
WITH  
EXCELLENT  
COMFORT



Depending on the seat character, a softer or firmer suspension is necessary.

Therefore you can choose Dymetrol® in different degrees of firmness and also with various coatings, e.g. artificial leather or flocking.



### Dymetrol® qualities:

- C 100 **soft**
  - C 125
  - C 150
  - C 200 **firm**
- 



All Dymetrol® variants are available as „green“ version:

Products which have been produced to be completely recyclable.

Dymetrol® as suspension system gives you design freedom and best seating comfort without memory effect but uniform seating pressure distribution.

### Your Benefits with Dymetrol®

- design freedom
- easy prototyping
- less / no additional foam
- simple assembly
- efficiency
- long service life
- flexibility
- durability
- weight saving
- space saving
- recyclable

**LIGHT**  
flexible      sustainable  
**DURABLE**      efficient  
**ERGONOMIC**  
comfortable      economical

dymetrol®



#### Your

- exclusive distributor for Dymetrol® in Europe
- supporter of your R + D up to your design-in-process
- service provider for pre-cut parts and sewings
- supplier of pre-finished solutions

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