

# Thermoplastics

Sheet material for  
the production of prostheses

## Whether you want to manufacture a diagnostic case or a definitive case:

we have the right plastics for you and assure  
you of high-quality sheet material for this  
orthopedic technique.



### 1) Test or diagnosis case



#### PETG

The material is crystal clear and therefore extremely suitable for the production of diagnostic and test cases. Due to the transparency of the material, pressure points on the skin are immediately visible during fitting, allowing optimal adaptation to the patient's anatomy.

- very low shrinkage



#### STIFF

The blue, transparent plate material makes it possible to easily identify pressure points and thus facilitate individual adaptation to the patient. If the prosthesis has to be worn for a number of hours / days during the test phase, this sheet material is the right choice.

- very low shrinkage

**continue >>**

## 2) Final case



### EVAFLEX

The Evaflex is characterized by good flexibility. Compared to the super Evaflex it is stronger and therefore a stiffer material. The material is used for the production of flexible cases.

- high flexibility
- minimal shrinkage

### SUPER EVAFLEX

The super Evaflex is characterized by a particularly high flexibility. The material is also used for the production of inner tubes. The super Evaflex is very soft and offers patients with a leg stump a comfortable fit.

- very high flexibility
- minimal shrinkage



### SOFT ION

The Soft Ion is a thermoplastic that contains the special properties of an ionic bond. The ionomer plate has only limited flexibility. Soft ion is used for the production of partially flexible cases or unbreakable face masks

- low shrinkage
- rigid and unbreakable material



### SILICOSOFT

The Silicosoft is a combination of ethyl vinyl acetate with silicone components, which means that the flexibility is extremely high and the material feels very soft. The silicone provides a better adhesion between the case and the patient's limbs.

- very high flexibility
- the silicone components give the material a particularly smooth surface



### PE-C BLACK

The Pe-C black is a combination of polyethylene with the special properties of copolymer. The copolymer makes the plate very soft and flexible. These properties are comparable to those of the Super Evaflex. In addition, the PE-C Black is 8% lighter than comparable materials and thus also increases wearing comfort.

- UV stability ensures a longer life

**order easily >>**



**Order below easily and quickly** by filling in or ticking directly in the pdf:

Please contact me

**I WOULD LIKE TO ORDER THE FOLLOWING SHEET MATERIAL:**

**PETG** 400x400mm - transparent

\_\_\_\_\_ x 10 mm      \_\_\_\_\_ x 12 mm      \_\_\_\_\_ x 15 mm      \_\_\_\_\_ x 20 mm

**STIFF** 400x400mm - blue transparent

\_\_\_\_\_ x 8 mm      \_\_\_\_\_ x 10 mm      \_\_\_\_\_ x 12 mm      \_\_\_\_\_ x 15 mm

**EVAFLEX** 400x400mm - white transparent (Also available in black, white, yellow, green, blue, red, pink, silver, gold; please specify below.)

\_\_\_\_\_ x 9 mm      \_\_\_\_\_ x 10 mm      \_\_\_\_\_ x 12 mm      \_\_\_\_\_ x 15 mm

**EVAFLEX SUPERFLEX** 400x400mm - white transparent

\_\_\_\_\_ x 10 mm      \_\_\_\_\_ x 12 mm      \_\_\_\_\_ x 15 mm

**SILICOSOFT** 400x400mm - white

\_\_\_\_\_ x 9 mm      \_\_\_\_\_ x 12 mm

**PE-C BLACK** 400x400mm - black

\_\_\_\_\_ x 8 mm      \_\_\_\_\_ x 10 mm      \_\_\_\_\_ x 12 mm      \_\_\_\_\_ x 15 mm

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[AFT-International.com](http://AFT-International.com)

AFT International nv  
Ter Stratenweg 50  
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T: +32 (0)3 475 93 03  
[info@aft-international.be](mailto:info@aft-international.be)

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