

ORFICAST® MORE THERMOPLASTIC TAPE



Activation temperature:
65°C (149°F)



Minimum
activation time:
90 seconds



Maximum
activation time:
30 minutes



Drying time:
max. 10 seconds



Moulding time:
2 minutes



Hardening time:
minimum 5 minutes



A. GENERAL PRODUCT INFORMATION

ORFICAST MORE THERMOPLASTIC TAPE (ORFICAS MORE) is a low temperature thermoplastic material, with a textile like feel, used for the fabrication of orthoses.

ORFICAST MORE is applied directly to the patient after it is activated.

! ORFICAST MORE is not suitable for internal use. It may not be used on open wounds or in the mouth.

B. PRODUCT RANGE

ORFICAST MORE is available in rolls of ± 300 cm length, widths of 6, 15 and 30 cm in 3 colours. The thickness of the material is +/- 3.0 mm (1/8"). The density of the material is about 40 g/m.

	Art. no.	Description	Colour
width: 6 cm	4035	1 roll – width: 6 cm	Blue
	4035Z	1 roll – width: 6 cm	Black
	4035OR	1 roll – width: 6 cm	Orange
	4036	Box with 6 rolls – width: 6 cm	Blue
	4036Z	Box with 6 rolls – width: 6 cm	Black
	4036OR	Box with 6 rolls – width: 6 cm	Orange
width: 15 cm	4039	1 roll – width: 15 cm	Blue
	4039Z	1 roll – width: 15 cm	Black
	4039OR	1 roll – width: 15 cm	Orange
	4040	Box with 6 rolls – width: 15 cm	Blue
	4040Z	Box with 6 rolls – width: 15 cm	Black
	4040OR	Box with 6 rolls – width: 15 cm	Orange
width: 30 cm	4042	1 roll – width: 30 cm	Blue

C. PRECAUTIONS BEFORE USE

1. The workplace must be well-ventilated to avoid overheating.
2. The necessary tools should in no way put the patient at risk.
3. Encourage the patient to assume a comfortable position and ensure that you yourself are in an easy working position.

! 4. Make sure that the temperature of the activated ORFICAST MORE will not burn the patient.

D. ACTIVATION TECHNIQUE

1. ORFICAST MORE is softened by heating at a minimum temperature of 65°C (149°F). Possible activation sources are: Suspan water bath, dry heater, heating plate, and microwave oven. The activation time depends on the heat source and the product size, and varies from 30 seconds to 5 minutes:
 - a. Water bath: 65°C (149°F): 90 sec.
 - b. Dry heater or heating plate: 2-5 min.
 - c. Microwave oven: 500W: 2-2½ min. (first heat sufficient amount of water in the microwave and afterwards activate ORFICAST MORE by steeping it into this hot water).

! IMPORTANT NOTE:

During activation, Orficast may shrink up to 45% which is normal. The base can be easily stretched to its original length before application.

2. Only use the heat gun to heat small areas of the ORFICAST Thermoplastic to make small corrections to the shape of the orthosis or to attach hook and loop.

! The heat gun is not meant to be used as a heat source to activate the total length of the ORFICAST Thermoplastic.

If using the Orfit Dry Heater to activate the material follow the written instructions.

! 3. Be careful: temperatures of 65°C (149°F) or more can also be reached in the patient's daily life. Think of a closed car in the summer, the surface of a hot radiator, a sauna or the proximity of an open fireplace.

4. Temperatures up to a maximum of 100°C (212°F) do not damage ORFICAST MORE, but are not user-friendly. Higher temperatures are allowed on the condition that the activation time is reduced accordingly.

! 5. Never use an open flame to activate ORFICAST MORE.

E. WORKING PROPERTIES

How to apply?

1. Various application techniques are possible:
 - Wrapping technique: identical to the application of plaster bandages.
 - Strips can be sewn together to make specific patterns.
 - Manual moulding of the ORFICAST MORE strip [or several layers together].Use the stretch and elastic properties of ORFICAST MORE but avoid compression of the skin.
2. ORFICAST MORE sticks to itself and to all porous surfaces very easily. In case of accidental bonding, keep it activated and gently pull the layers apart.
To obtain a homogeneous orthosis, ORFICAST MORE must be applied while hot. When completed, firmly press to enhance adhesion of all layers.

Straps, orthosis accessories or reinforcements can also be adhered to the orthosis using the self-adhesive properties of ORFICAST MORE. First briefly heat the ORFICAST orthosis locally using the heat gun until the material becomes brilliant and sticky. Afterwards, adhere the desired materials onto the surface of the orthosis and press firmly to secure the bonding.
3. ORFICAST MORE has low to moderate memory. The material can be reactivated and unwrapped if not totally pressed together. This allows you to make small corrections to the orthosis if necessary.

F. FINISHING

1. Do not remove ORFICAST MORE from the patient before the orthosis is sufficiently hard.
2. If the orthosis must be cut to be removed, use a suitable pair of bandage scissors and do not wait until the product is completely hard.
3. The cooling time can be shortened by means of cold air, a cold bandage or a cold spray.

G. MAINTENANCE AND WASTE MANAGEMENT

To clean ORFICAST MORE, use lukewarm water and soap. Rinse locally and dry with a hairdryer on a cool setting to avoid prolonged skin maceration. Do not put the entire orthosis into water as this might cause loss of the shape.

! Never use solvents, avoid acid detergents.

Sterilization of ORFICAST MORE orthoses in an autoclave is impossible.

ORFICAST MORE can be disinfected with alcohol, quaternary ammonium or a solution of commercial disinfecting soaps (HAC®, Sterilium®, etc.). Rinse well after treatment. After use, an orthosis can be disposed of with normal household waste without harming the environment. ORFICAST MORE is biodegradable.

H. ADVICE FOR THE PATIENT

! Give the patient sufficient information about the exact use and maintenance of the orthosis and about the possible constraints.

I. STORAGE

- It is advised to store ORFICAST MORE in a dark, cool, dry place at a temperature of min. 10°C (50°F) and max. 30°C (86°F) and in the original packaging.
- Once removed from the packaging, the left-over material should be stored back in the packaging to avoid biodegradation.

Low temperature thermoplastics can only be kept for a limited period of time and must be protected as much as possible from light, heat and humidity. The material ages in relation to storage circumstances.

J. GENERAL SAFETY ADVICE

- ! * ORFICAST MORE is not suitable for internal use. It may not be used on open wounds or in the mouth.**
- ! * Never use an open flame to activate ORFICAST MORE.**
- ! * ORFICAST MORE may only be used by qualified health professionals for the fabrication of orthoses.**

K. ADDITIONAL INFORMATION

For additional information such as distributor contact information, product brochures, Safety Data Sheets and regulatory information, please visit our website www.orfit.com

! In the event of a serious incident that is related to the use of this product, you must report this to the distributor in your country. Please consult our website to find your distributor.

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Note:

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