

DUO: THE EASIEST WAY TO MAKE ORTHOSIS

Silicones bi compounds A + B

DO NOT USE GLOVES

HOW TO MAKE A PERFECT ORTHOSIS IN THREE EASY STEPS:



1 Take the same quantity of compounds A and B.



2 Mix the silicones until they are an even color.



3 Roll the silicones into a compact ball. The silicone is now ready to mold onto the foot.

WITHIN 5 MINUTES THE ORTHOSIS IS FINISHED!

EXAMPLES OF POSSIBLE ORTHOSIS



STARTING KITS

DO NOT USE GLOVES

STARTING KIT BOX

1 Kit contents:

- 100 gr. of silicone Bland-Rosé (Soft Shore A 2-4)
- 100 gr. of silicone Fresco (Medium Shore A 14-16)
- 20 ml. Liquid catalyst REAKTOL

The starter kit is for professionals who want to learn how to use silicones and to try the most popular of the Fresco silicone range.

The kit includes two different types of silicone, a soft and a medium hardness, together with a liquid catalyst. A CD Rom is also included containing a training video demonstrating in clear easy steps how to work with the material and how to produce silicone orthotics.

This kit will provide the user with enough material to practice working with the two types of silicone.

Ref.: GS-0192600 1 kit



DUO 10 STARTING KIT

DUO 10 is a bi-compound 1+1 mixable soft silicone. The starting Kit is for professionals who want to learn how to use silicones and try the most popular of the DUO range. This kit will provide the user with enough material to practice with the silicone.

1 kit contents:

- 100 gr DUO 10 A, 100 gr DUO 10 B and 2 spoons

Ref.: GS-0192402 1 kit



SOFT SILICONES

DO NOT USE GLOVES

DUO 10

DUO 10 is a bi-compound 1+1 mixable soft silicone. It is very easy to use: to make an orthosis, mix the same quantity of the two components (A+B). The mixing process takes approximately 5 minutes to form a solid. Hardness Shore A 10 is achieved 24 hours after the orthosis is created. Non irritant. Washable and reusable.

Hardness Shore: A 10

Ref.: GS-0192400 A 250gr + B 250 gr



SILICONE BLAND-ROSE

Soft silicone with really high elasticity. Bland-Rosé is the ideal silicone for palliative orthotics. This silicone takes the form of a paste and is therefore extremely easy to work with. BLAND ROSÉ is the only silicone in the world that is soft, (Shore A 2-4) elastic and smooth to the touch. Due to this it is very comfortable to wear. It is washable, reusable and can provide immediate relief from pain. Its medical oils lubricate the skin, softening and helping to regenerate the affected areas. This silicone is used for the production of foot orthotics.

Technical characteristics:

Colour: Pink (Strawberry)
 Density (gr/cm³): 1.06
 Modulus 100% (MPa): 0.19
 Hardness Shore A: 3
 Breaking resistance Mpa: 0.8
 Stretching: 364 %
 Split resistance (KN/m): 4.4
 Aspect: Not fluid paste
 Hardness: Shore A 2-4

Ref.: GS-0193001 Tin of 500 gr



Note: As it is manufactured by hand it may feel slightly sticky. It is advised to wet fingers with water prior to production to provide perfect results. Once the orthotic has been made it will take 48 hours to reach its final level of hardness.

SOFT SILICONES

DO NOT USE GLOVES

SILICONE BLAND-NATURE

Beige skin-coloured soft putty silicone (Shore A 2-4). Used as a moulding material that produces vulcanized silicone of minimum hardness with excellent mechanical resistance. Its softness makes the orthotics very comfortable to wear. Washable and reusable. Made with medical grade oils, elastomers and silicone pigments, certified with ISO9001 quality control. It is recommended to use a small amount of catalyst and to wash one's hands before and after making the orthotic. This silicone is used for the production of foot orthotics. Once the orthotic has been made it will take 48 hours to reach its final level of hardness.

Technical characteristics:

Colour: Beige
 Density at 20°C: 0.8
 Viscosity at 20°C: Tixotropic
 Traction resistance: 90 Kg / cm²
 Stretching: 99 %
 Split resistance: 70 Kg / cm²
 Aspect: Not fluid paste
 Hardness Shore A: From 2 to 6 (depending on which catalyst is used)

Ref.: GS-0193300 Tin of 500 gr



Note: As it is manufactured by hand it may feel slightly sticky. It is advised to wet fingers with water prior to production to provide perfect results. Once the orthotic has been made it will take 48 hours to reach its final level of hardness.

MEDIUM SILICONES

MEDIUM SILICONE

Semi-soft silicone, soft to the touch, with average elasticity. A quick-setting silicone elastomer. A pale pink putty silicone of considerable sponginess, elasticity, resistance and consistency. This silicone is designed for the production of palliative orthotics, and offers a great degree of comfort. This silicone is used for the production of foot orthotics. Once the orthotic has been made it will take 48 hours to reach its final level of hardness.

Technical characteristics:

Colour: Pink (Strawberry)
 Density (gr/cm³): 1.09
 Modulus 100% (MPa): 0.56
 Hardness Shore A: 14
 Breaking resistance Mpa: 1.4
 Stretching: 245 %
 Split resistance (KN/m): 5.2
 Aspect: Not fluid paste
 Hardness: Shore A 14-16

Ref.: GS-0192300 Tin of 500 gr



HARD SILICONES

DO NOT USE GLOVES

SILICONE 1.400

Hard silicone, semi rigid with grey colour. Semi-rigid silicone elastomer in the form of a light grey coloured paste. It is distinguished from others by its tensile strength and great elasticity. It is quick setting; on using one drop of catalyst per gram of silicone a semi-rigid elastic orthotic is produced. This silicone is used for the production of foot orthotics. Once the orthotic has been made it will take 48 hours to reach its final level of hardness.

Hardness: Shore A 30

Ref.: GS-0192101 Tin of 500 gr.



SILICONE ORTHESIL

A hard orange Silicone putty. Used for rigid orthotic production. This silicone is not elastic but has a long life span. It is recommended to be used for the correction or realignment of toes. By mixing it with soft silicones like Bland-Rosé a softer semi-rigid and elastic orthotic can be produced. This silicone is used for the production of foot orthotics. Once the orthotic has been made it will take 48 hours to reach its final level of hardness.

Hardness: Shore A 30

Ref.: GS-0192201 Tin of 500 gr.



DUO 30

DUO 30 is a bi-compound 1+1 mixable hard silicone. It is very easy to use: to make an orthosis, mix the same quantity of the two components (A+B). The mixing process takes approximately 5 minutes to form a solid. Hardness Shore A 30 is achieved 24 hours after the orthosis is created. Non irritant. Washable and reusable.

Hardness: Shore A 30

Ref.: GS-0192800 A 250 gr + B 250 gr



LIQUID SILICONES

SILICONE RTV-11504

Liquid silicone very elastic, flexible and with a high adherence. A Bi-compound elastomer that vulcanise with any of the Fresco catalysts. The 11504 is normally used to repair silicone orthotics, or as a joining material with other silicones. It is elastic, flexible and has excellent tensile and a high rupture strength.

Of liquid form and white in colour.

This product should be mixed with a spatula due to its fluid like nature.

Can be mixed with other silicones in the range to provide greater elasticity and softness.

Technical characteristics:

Colour: White-Grey

Density at 20°C: 1.3

Viscosity at 20°C: 46.000 CsT

Hardness Shore A: 10

Traction resistance: 32 Kg./ cm²

Stretching: 320 %

Split resistance: 17 Kg./ cm

Aspect:Liquid

Ref.: GS-0190701 Tin of 300gr.



POLYMER OF SILICONE

Liquid silicone semi-rigid with medium elasticity. A Bi-compound elastomer that vulcanises with any of the Fresco catalysts. Can be used to repair silicone orthotics, or as a joining material with other silicones.

Designed to cover Tubiton, gauze and latex foam rubber.

Of liquid form and a transparent colour of low viscosity.

Once vulcanised it becomes a rigid and semi transparent silicone.

Technical characteristics:

Colour: Grey-transparent

Density at 20°C: 1

Viscosity at 20°C: 20.000 CsT

Hardness Shore A: 20

Traction resistance: 11 Kg./ cm²

Stretching: 250 %

Split resistance: 4 Kg./ cm²

Aspect: Liquid

Ref.: GS-0190601 Tin of 250gr.



SILICONE SHEETS

SORBOPRES

Sorbopres is a Bland-Rosé silicone sheet with adhesive in one side. Can be used as a protector for any part of the foot. Its low hardness: Shore A 1 allows the product to be used for special applications where a really soft protector is needed.

Supplied in two different thicknesses 2 and 3 mm.
Sheets of 30 x 27.5 cm.

Ref.: GS-0194001	2 mm thickness	Sheet of 30 x 27.5 cm
Ref.: GS-0004002	3 mm thickness	Sheet of 30 x 27.5 cm



FRESCO PAD / FRESCO PAD-A

Fresco Pad is a silicone sheet used as a protector for any part of the foot. The fabric in the middle gives a longer durability to the product and keep the hardness very low: Shore A1.

Colour: Green

Two thicknesses: Fresco Pad: 1mm - Fresco Pad-A: 2 mm

Ref.: GS-0194101	1 mm thick	Sheet size 22 x 12 cm
Ref.: GS-0194102	2 mm thick	Sheet size 11 x 12 cm



CATALYSTS

REACTOL

A Liquid catalyst used for the mixing of all types of the Fresco silicone range.

Technical characteristics:

Colour: Colourless

Chemical Characteristics: Mixture of silica acid esters and organic tin compounds.

Other components contained: Stannic Dibutildilaurate / Tetraetil-silicate / Tetrakis (2-n-butoxietoxisilane)

Ref.: GS-0190800



PASTE CATALYST RED

Paste catalyst used for the mixing of all types of the Fresco silicone range. Its red colour gives a soft red colour to the final orthosis. It is a little bit slower and gives a softer result orthosis than the liquid catalyst. Has a shelf life of 2 years.

Ref.: GS-0191000



Safety instructions for catalysts
 Avoid contact with eyes. Clean your hands after use. Keep out of reach of children.
For professional use only. Ensure lid is firmly closed after use. Keep in a dry place, at around 20 °C, keep away from extreme temperatures.

SPATULA INOX

Spatula Inox - for liquid silicones works.

Ref.: GS-0190300 Circular Shape

Blade Length: 10 cm

Total Length: 20 cm

Ref.: GS-0190301 Triangular Shape

Blade Length: 15,5 cm

Total Length: 26,5 cm



RIGID PLAQUE

Rigid plaque used for liquid silicones' works.

Size: 20 x 25 cm

Ref.: GS-0190400



SILICONE OIL

Silicone oil used to be mixed with all FRESCO silicones.

Ref.: GS-0192000



SCALE FOR MIXABLE SILICONES

From 0.1 to 150 gr.

Ref.: GS-0194500

