



coniex
Beyond with you



GENERAL AND COSTUME JEWELLERY

PRODUCT CATALOGUE





CONIEX, S.A. is a company with more than 25 years of experience in the distribution and manufacturing of machinery and products for the production of high-quality general and costume jewellery.

The range includes:

CASTEX Microfusion Silicone
Enamels for decoration and manufacture of pieces
Enamelling courses
Enamelling machinery
Machinery for surface treatment of pieces

We are pleased to introduce you to our company and its products so that you can discover the advantages of working with CONIEX.

In 1999, we obtained the ISO 9001:2008 certificate, which guarantees the quality of our products and services. ISO 9001:2015 certification was subsequently obtained



LABORATORIES for R&D and TESTS

We have R&D and Testing Laboratories, where we develop new products depending on the needs of our customers.

Likewise, these laboratories allow us to carry out the strictest quality checks on the products we manufacture.

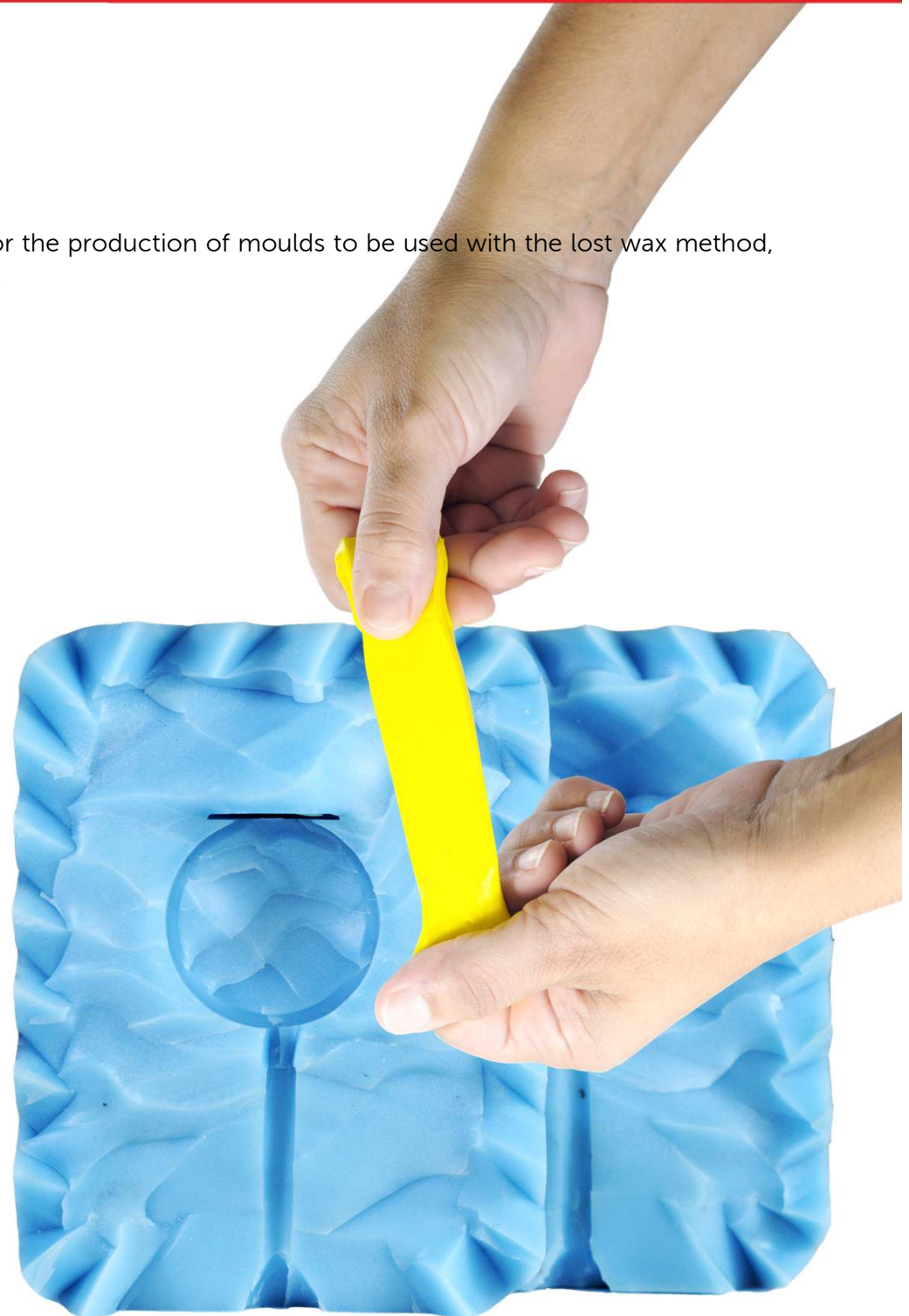


CASTEX - A SILICONE JEWEL

CASTEX™ high-strength silicone molding rubber are specially designed for the production of moulds to be used with the lost wax method, for jewelry and costume jewelry as well as for industrial steel applications.

The advantages of our CASTEX™ silicone are as follows:

- **EASY TO WORK WITH:** CASTEX™ silicones have a low raw viscosity, which allows the piece to be embedded and placed in the mould simply by finger pressure. This is a significant time saver.
- **NO TALC OR RELEASE SPRAY REQUIRED:** the waxes release instantly without the use of talc or spray, due to the quality of the silicone and its elasticity.
- **HIGH RESISTANCE TO TEARING:** It allows even the most difficult cuts thanks to its high resistance to tearing, high elasticity and ability to recover from deformation.
- **HIGH GLOSS FINISH:** If the original is glossy, the wax copies also have a glossy finish.
- **LESS CONTRACTION:** Our vulcanised series, at 120 ° C, displays 1.6-1.8% linear shrinkage. Our vulcanised series, at 160 °C, displays 2.3-2.6% linear shrinkage.
- **HIGH RESISTANCE TO AGEING:** Moulds made from these silicones remain in perfect condition for many years.



CASTEX SILICONE RANGE

CASTEX™ high-strength silicone molding rubber are specially designed for the production of moulds to be used with the lost wax method, for jewelry and costume jewelry as well as for industrial steel applications.

SM-40/100	SM 40/120**	SM 43/120**	SM-45/160**	SM-50/160
-----------	-------------	-------------	-------------	-----------



Colour	Light blue	Ochre	Pink	Blue	Yellow
Viscosity	Very Low	Low	Low	Low	Medium
Hardness	40	40	43	45	50
Elongation	>650	>650	>650	>650	>650
Tear resistance	Very High	High	High	High	High
Shrinkage L %	1.9	1.8	1.6	2.6	2.3
Vulcanisation temp.	100°C 212°F	120 °C 248°F	120 °C 248°F	160 °C 320°F	160 °C 320°F

** Most common types

RELEASE AGENT: Code B21013400 MASTER PIECES VULCANISATION RELEASE AGENT for the vulcanisation of metal and resin pieces in silicone moulds.



New CASTEX SM-40/100 silicone

This excellent silicone has the distinction of a 100°C vulcanisation temperature that maintains optimal mechanical properties for microfusion. It has high tear strength and very low shrinkage.

As it demonstrates effective elasticity and hardness at the same time, it allows wax to be injected under pressure without deformation, achieving pieces with excellent definition.

As with the rest of our *CASTEX* range of silicones, it is very easy to work with due to its soft and smooth consistency.



ESMALTEX

ENAMELS FOR DECORATION



ESMALTEX - ENAMELS FOR DECORATION

ESMALTEX is a two-component liquid enamel, which can polymerise at room temperature and results in a ceramic or glazed appearance. It is mainly used for the decoration of all kinds of items: jewellery, costume jewellery, gifts and advertising items, keyrings, pins, buttons, medals, sports trophies, frames, cars and household appliances, furniture and bathroom accessories, glass, ceramics, wood, fine art, etc.

EPOXY RESINS are colourless for similar water-based products.

It is **completely free of BISPHENOL-A** and complies with the following regulations:

- REACH Regulations
- European Standard EN 71-3:1994, on limit values for heavy metals "Safety Toys - piece 3"
- The CLP (Classification, Labelling and Packaging of Chemical Substances and Mixtures) Regulation



The classification of this product has been carried out in accordance with Regulation No. 1272/2008 (CLP). Be wary of any similar product if the packaging, labelling and/or safety data sheets do not comply with these regulations.



INCOLOROS COLOURLESS

Incoloro
Colourless
Ref. 1001



TRANSPARENTES TRANSPARENTS

Amarillo
Yellow
▲ Ref. 2011



Amarillo Limón
Lemon Yellow
Ref. 111



OPACOS OPAQUES

GAMA DE COLORES

Ref. 112



Ref. 113



COLOUR CARD

Azul Ultramar
Navy Blue
Ref. 521



Ref. 522



Ref. 523



Carne
Skin Colour
Ref. 811



Flexil 8020
Flexil 8020
Ref. 8020



Naranja
Orange
▲ Ref. 3011



Amarillo Cromo
Chrome Yellow
Ref. 121



Ref. 122



Ref. 123



Azul Noche
Night Blue
Ref. 531



Ref. 532*



Ref. 533*



Marfil
Ivory
Ref. 741



Domingflex
Domingflex



Rojo Fuego
Fire Red
▲ Ref. 4011



Naranja
Orange
Ref. 211



Ref. 212



Ref. 213**



Azul Turquesa
Turquoise Blue
Ref. 541



Ref. 542



Ref. 543



Blanco
White
Ref. 001



Ultra-Glass
Ultra-Glass



Fucsia
Fuchsia
▲ Ref. 5011



Rojo Carmín
Carmine Red
Ref. 311



Ref. 312



Ref. 313



Verde Intenso
Deep Green
Ref. 621



Ref. 622



Ref. 623



Blanco Nieve
Snow White
Ref. 002



Violeta
Violet
▲ Ref. 6012



Rojo Escarlata
Scarlet Red
Ref. 321



Ref. 322



Ref. 323



Verde Inglés
English Green
Ref. 631



Ref. 632**



Ref. 633**



PERLAS
PEARLS

Lila
Lilac
▲ Ref. 6013



Rojo Rubí
Ruby Red
Ref. 331



Ref. 332



Ref. 333



Verde Hierba
Grass Green
Ref. 641



Ref. 642



Ref. 643



Perla Nacar
Perla Nacar
Ref. 10.001



FLUORESCENTES FLUORESCENTS

Amarillo
Yellow
Ref. FF141



Azul Cobalto
Cobalt Blue
▲ Ref. 7013



Rojo Sangre
Blood Red
Ref. 341



Ref. 342



Ref. 343



Marrón Castaña
Chesnut Brown
Ref. 711



Ref. 712



Ref. 713



PERLEADO
Perla Nacar 10.001
+ Azul Cobalto 7013
PEARLESCENT
Perla Nacar 10.001
+ Cobalt Blue 7013



Magenta
Magenta
Ref. FF381



Turquesa
Turquoise
▲ Ref. 7014



Rojo Burdeos
Vermillion
Ref. 361



Ref. 362



Ref. 363



Marrón Caldera
Boiler Brown
Ref. 721



Ref. 722



Ref. 723



PERLEADO
Perla Nacar 10.001
+ Fucsia 5011
PEARLESCENT
Perla Nacar 10.001
+ Fuchsia 5011



Verde
Green
Ref. FF661



Verde Pino
Pine Green
▲ Ref. 8013



Lila
Lilac
Ref. 411



Ref. 412



Ref. 413



Ocre
Ochre
Ref. 731



Ref. 732



Ref. 733



IRISADO
Perla Nacar 10.001
+ Azul Cobalto 7013
IRIDESCENT
Perla Nacar 10.001
+ Cobalt Blue 7013



Naranja
Orange
Ref. FF231



Negro
Black
▲ Ref. 9011



Azul Montserrat
Electric Blue
Ref. 511



Ref. 512



Ref. 513



Negro
Black
Ref. 911



Ref. 912***



Ref. 913***



IRISADO
Perla Nacar 10.001
+ Azul Cobalto 7013
IRIDESCENT
Perla Nacar 10.001
+ Fucsia 5011



Comentarios:

Comments:

■ Colores servidos por Coniex

■ Colores a preparar por el cliente

▲ Colorante disponible

XX2:
Tono lleno Ref. XX1
(50% aprox.)
Blanco Ref. 001
(50% aprox.)

XX2:
Full shade Ref. XX1
(50% aprox.)
White Ref. 001
(50% aprox.)

XX3:
Tono lleno Ref. XX1
(25% aprox.)
Blanco Ref. 001
(20% aprox.)

XX3:
Full shade Ref. XX1
(25% aprox.)
White Ref. 001
(75% aprox.)

532*:
Azul Noche Ref. 531
(80% aprox.)
Blanco Ref. 001
(20% aprox.)

532*:
Night Blue Ref. 531
(80% aprox.)
White Ref. 001
(20% aprox.)

533*:
Azul Noche Ref. 531
(25% aprox.)
Blanco Ref. 001
(75% aprox.)

533*:
Night Blue Ref. 531
(25% aprox.)
White Ref. 001
(75% aprox.)

632*:
Verde Inglés Ref. 631
(50% aprox.)
Amarillo Limón Ref. 111
(50% aprox.)

632*:
English Green Ref. 631
(50% aprox.)
Lemon Yellow Ref. 111
(50% aprox.)

633**:
Verde Inglés Ref. 631
(25% aprox.)
Amarillo Limón Ref. 111
(75% aprox.)

633**:
English Green Ref. 631
(25% aprox.)
Lemon Yellow Ref. 111
(75% aprox.)

912***:
Negro Ref. 911
(25% aprox.)
Blanco Ref. 001
(75% aprox.)

912***:
Black Ref. 911
(25% aprox.)
White Ref. 001
(75% aprox.)

913***:
Negro Ref. 911
(10% aprox.)
Blanco Ref. 001
(90% aprox.)

913***:
Black Ref. 911
(10% aprox.)
White Ref. 001
(90% aprox.)

Consulta nuestra página web
www.coniex.com para ver otros
efectos y aplicaciones.

Visit our website www.coniex.com
for other effects and applications.



conix
Beyond with you

MACHINERY FOR ENAMELLING

ENAMELLING EQUIPMENT
For easy dosing of enamels



Enamel dosing units, enamelling tables, drying ovens, scales for the correct weighing of the mixture.

Easy to locate thanks to its small dimensions.



ACCESSORIES
Suitable for the correct and precise application of the enamel

ENAMELLING COURSES

Our enamelling courses are aimed at users of our ESMALTEX (Epoxy Resin). They allow us to answer any questions and to perfect use and application techniques, thus achieving a constant improvement in productivity.

We have fully equipped facilities. We carry out practical manual exercises with our enamelling equipment, and thanks to our qualified staff we can improve your enamelling process, thus increasing the quality of your pieces.

Get your diploma!





VULCANISATION PRESSES

High precision press for the vulcanisation of silicone moulds for jewellery.



SUGGESTED PRESSURES

 60 x 60 mm 70 x 70 mm 80 x 80 mm 90 x 90 mm 100 x 100 mm 110 x 110 mm 120 x 120 mm 130 x 130 mm 140 x 140 mm 150 x 150 mm 160 x 160 mm 170 x 170 mm	 70 mm Ø 80 mm Ø 90 mm Ø 100 mm Ø 110 mm Ø 120 mm Ø 130 mm Ø 140 mm Ø 150 mm Ø 160 mm Ø 170 mm Ø 180 mm Ø	Silicone mould 90°C	Silicone mould 120 and 160°C
		10 bar	20 bar
		13 bar	26 bar
		16 bar	32 bar
		20 bar	40 bar
		25 bar	50 bar
		30 bar	60 bar
		35 bar	70 bar
		40 bar	80 bar
		44 bar	88 bar
		50 bar	100 bar
		57 bar	114 bar
		64 bar	128 bar

TECHNICAL FEATURES



Heating plate surface
300x300 mm



Adjustable temperature from
20°C to 200°C



Opening between the plates
220 mm



Maximum closing force 3000 kgs



Operating pressure 10-150
bar

MACHINERY AND PRODUCTS FOR THE PIECES TREATMENT AND FINISHING

The quality of the final product depends on a high quality finish of the pieces. For this purpose, CONIEX has a complete range of equipment and products for **deburring**, **polishing** and **shining** of metal pieces.

Everything you need for optimum results when finishing your pieces.



MACHINERY



TURBOS

Turbos for wet and dry processing.



In terms of consumable products, the range includes polyester, ceramic and porcelain abrasives, polishing pastes, grinding powders, polishing liquids, corn dust and walnut shells, etc.

MACHINERY

MACHINERY AVAILABLE

- Circular Vibrators Finishing Machines
- Rectangular Vibrators Finishing Machines
- Turbos
- Ultrasound Machines
- Dryers
- Etc.



Circular vibratory finishing machines for the surface treatment of all types of metal pieces.

These machines have been specially studied to obtain the best finishes in jewelry pieces.

Beyond with you



Central Barcelona - España

Polígono Industrial Riera de Caldes
C/ La Forja, nave 2 - 4, 08184
Palau-Solità i Plegamans, Barcelona
Tel. +34 938 648 489
Mail: coniex@coniex.com
Web: www.coniex.com

Delegación Norte - España

Polígono Industrial Erratzu
20130 Urnieta - Guipuzcoa
Tel. +34 943 330 898
Mail: coniex.norte@coniex.com

Filial Oporto - Portugal

Via Central de Milheirós, 638
4475-330 Milheirós - Maia, Portugal
Telef.: +351 22 961 99 30
Mail: coniex@coniex.pt

Filial Celaya - México

Parque Industrial Advance / Nave G-9
Carretera Federal 45 libre, km 45.937,
Apaseo el Grande, Gto. CP 38197
Tel: +52 461 6087307
Mail: info@coniex.com.mx