



Welcome

Our silicone
your solution



Our History





1984: Founded and started producing

1992: Started producing RTV-2 silicone rubber

2007: New products in the dental laboratories field

2015: New plant innovation, double production capacity

2017: 25 years of RTV-2 silicone rubbers

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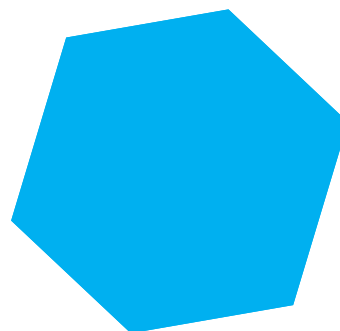
2018: We inaugurated the new
headquarter...



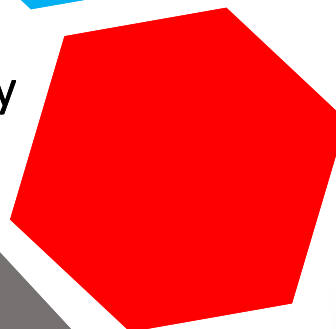
... and the new spaces



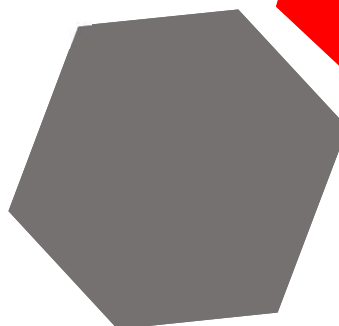
Laboratory



Warehouse



Office



Location



Headquarter:

Via Fogazzaro 73

Spagnago di
Cornedo Vicentino
(VI) ITALY



Details



SURFACE:

3000 m² Total:
200 m² Offices,
300 m² Laboratory,
1000 m² Production site,
1500 m² Warehouse

PRODUCTION

CAPACITY:

750 Ton/year.
Our mixers are
able to produce
mixtures between
5 Kg and 1400 Kg

EMPLOYERS:

20 people

ITEMS:

More than 100
kinds of products
in 5 continents
and 30 countries
around the world.



Around the World



Company Values





DYNAMISM

We believe that timeliness, passion and flexibility are the right ingredient to offer optimal solutions suitable for our customers.



CREATIVITY

Transform critical issues into opportunities to increase the business and provide the best solution to the customer.



MALLEABILITY

Create the product that best suits the customer's need, from the simple colour to the personalized packaging.



RELIABILITY

Our precise and specialized technical staff guarantees not only the final product, but also the control of all the different production phases.



Technical Assistance





The laboratory carries out careful checks on raw materials, semi-finished products always ensuring reliability and high quality.



We are always available to new requests and opportunities arising from the market.



We follow the customer already in the pre-sales phase, paying attention to its needs and requests.



The new centralization of the Research & Development, Quality Control and Customer Assistance laboratories allows our staff to work with great motivation and cohesion.



Poly-condensation & Poly-addition

	Poly-condensation	Poly-addition
Mix ratio	100 : 5	100 : 100
Type of catalyst	Tin-based, increasing the quantity of catalyst, the vulcanization speed increases	Platinum-based, the quantity of catalyst cannot be changed
Curing speed	The demoulding time is long. Curing speed is influenced by temperature, humidity, type of catalyst	The demoulding time is not long. Curing speed is influenced only by the temperature
Shrinkage	Between 0.4% and 1.0 %	Between 0.05% and 0.2 %
Reversion	Depends on the type of catalyst	No
Vulcanization obstacles	Very critic condition of temperature and humidity. (Lower than 15°C)	Tin, acetic silicone, amine, clay, adhesives, etc.
Advantage	· Excellent chemical resistance with PE/PU resins · No risk of inhibition · High application versatility · Cheaper	· Non-toxicity of the rubber and biocompatibility with the skin · Translucent rubber available · High mechanical properties · High dimensional stability · Lower shrinkage

RTV - 2



Poly-condensation

Series 5: Fluid poly-condensation
RTV-2, low mechanical properties

Series 100: Fluid poly-condensation
RTV-2, high mechanical properties

Series 200: Fluid poly-condensation
RTV-2, low mechanical properties

P85 - P95: Putty poly-condensation
RTV-2 for dental lab

Series 1200: Putty poly-condensation
RTV-2 for podology

RTV - 2



Poly-addition

Series 300: Fluid poly-addition RTV-2, high mechanical properties

Series 300T: Fluid translucent poly-addition RTV-2

Series 500: Putty poly-addition RTV-2

Series 700: Fluid poly-addition RTV-2 for dental lab

Series 800: Putty poly-addition RTV-2 for dental lab

Series 900: Fluid 10:1 poly-addition RTV-2





Industrial Field

Mould Making

General moulding, used to replicate models. Some examples are candles, technical and artistic articles. The objects are prepared using wax, plaster, polyester resins, polyurethane resins, etc.



Rubber	Colour	Catalyst	Mix Ratio	Viscosity	Working Time	Setting Time	Hardness	Tensile Strength	Tear Strength	Elongation
Poly-addition										
306 A/B	Red	-	100 : 100	6000	20' - 30'	2 h	6	1.8	8.0	400 - 500
312 A/B	Orange	-	100 : 100	7500	20' - 30'	2 h	13	3.0	16.0	500 - 600
322 A/B	Light Blue	-	100 : 100	7000	45' - 60'	4 h	22	3.5	20.0	400 - 500
325 A/B	Red	-	100 : 100	7000	45' - 60'	4 h	25	4.0	20.0	400 - 500
330 A/B	Yellow	-	100 : 100	8500	45' - 60'	4 h	30	4.5	20.0	350 - 450
340 A/B	Blue	-	100 : 100	20000	20' - 30'	4 h	40	5.0	15.0	300 - 400
345 LT A/B	Light Blue	-	100 : 100	6000	8' - 12'	45' - 60'	43	2.5	3.0	100 - 200
350F A/B	Green	-	100 : 100	12000	20' - 30'	4 h	50	5.5	8.0	200 - 300
528 A/B	Yellow	-	100 : 100	Paste	15' - 20'	60'	36	1.5	7.0	200 - 300
535 A/B	Lilac	-	100 : 100	Paste	2' - 3'	6' - 8'	43	1.6	7.0	100 - 200
5328 A/B	Pink	-	100 : 100	20000	45' - 60'	4 h	28	4.5	22.0	400 - 500
Poly-condensation - High Tear										
105	White	PES	100 : 5	25000	60' - 90'	16 - 24 h	5	2.0	12.0	600 - 700
110	White	PES	100 : 5	30000	60' - 90'	16 - 24 h	10	2.5	15.0	500 - 600
118	White	PES	100 : 5	30000	60' - 90'	16 - 24 h	18	3.0	18.0	400 - 500
120	White	PES	100 : 5	32000	60' - 90'	16 - 24 h	20	3.3	21.0	400 - 500
128	White	PES	100 : 5	30000	60' - 90'	16 - 24 h	26	3.2	16.0	300 - 400
136	White	PES	100 : 5	45000	90' - 120'	16 - 24 h	36	4.0	8.0	200 - 300
P	Beige	P Fast	100 : 5	PASTE	30' - 60'	2 - 4 h	30	1.8	10.0	400 - 500
P50	White	P Fast	100 : 5	PASTE	20' - 30'	90' - 120'	55	3.0	10.0	100 - 200
Poly-condensation - Low Tear										
210	Beige	1860	100 : 5	4000	10' - 15'	50' - 60'	10	1.2	2.0	200 - 300
220	Beige	1860	100 : 5	6000	10' - 15'	50' - 60'	20	1.5	2.5	200 - 300
230	Beige	1860	100 : 5	8000	10' - 15'	50' - 60'	30	1.8	3.0	150 - 250
5 AL/60	Beige	Cat. 60	100 : 5	15000	60' - 90'	16 - 24 h	60	4.5	5.0	100 - 200



Concrete

Production of very large moulds with different shapes where the concrete is poured. The pieces produced are used to realize decorative elements, walls or fences.

Rubber	Colour	Catalyst	Mix Ratio	Viscosity	Working Time	Setting Time	Hardness	Tensile Strength	Tear Strength	Elongation
Poly-addition										
330 A/B	Yellow	-	100 : 100	8500	45' - 60'	4 h	30	4.5	20.0	350 - 450
340 A/B	Blue	-	100 : 100	20000	20' - 30'	4 h	40	5.0	15.0	300 - 400
930 Concr. A/B	White	-	100 : 10	25000	45' - 60'	8 - 10 h	30	5.5	28.0	400 - 500
Poly-condensation										
120	White	PES	100 : 5	32000	60' - 90'	16 - 24 h	20	3.3	21.0	400 - 500
128	White	PES	100 : 5	30000	60' - 90'	16 - 24 h	26	3.2	16.0	300 - 400
136	White	PES	100 : 5	45000	90' - 120'	16 - 24 h	36	4.0	8.0	200 - 300

Pad-Printing

Production of soft and flexible pads used in the pad printing process. It is an indirectly printing process that allows to produce, in a simple way with high fidelity details, drawings, writings and decorations on flat, concave, convex or irregular surfaces.

Rubber	Colour	Catalyst	Mix Ratio	Viscosity	Working Time	Setting Time	Hardness	Tensile Strength	Tear Strength	Elongation
Poly-addition										
T10AC A/B	Green	-	100 : 10	12000	120' - 150'	16 - 24 h	4	2.0	6.0	800 - 900
T10 A/B	White	-	100 : 10	30000	120' - 150'	16 - 24 h	10	3.0	10.0	800 - 900
925 A/B	Red	-	100 : 10	25000	15' - 20'	4 - 6 h	25	5.0	28.0	400 - 500
945 A/B	Blue	-	100 : 10	40000	45' - 60'	16 - 24 h	45	5.0	9.0	200 - 300





Jewellery

Production of rigid moulds in the production of wax models, even by pressure injection, to realize jewellery



Rubber	Colour	Catalyst	Mix Ratio	Viscosity	Working Time	Setting Time	Hardness	Tensile Strength	Tear Strength	Elongation
Poly-addition										
330 A/B	Yellow	-	100 : 100	8500	45' - 60'	4 h	30	4.5	20.0	350 - 450
340 A/B	Blue	-	100 : 100	20000	20' - 30'	4 h	40	5.0	15.0	300 - 400
350F A/B	Green	-	100 : 100	12000	20' - 30'	4 h	50	5.5	8.0	200 - 300
333T A/B	Translucent	-	100 : 100	14000	20' - 25'	4 h	33	4.5	15.0	300 - 400
338T A/B	Translucent	-	100 : 100	14000	20' - 25'	4 h	38	5.0	15.0	200 - 300



Footwear

The silicone is used to realize matrices for forming refractory plaster moulds. Suitable for the production of aluminium moulds to make soles.



Rubber	Colour	Catalyst	Mix Ratio	Viscosity	Working Time	Setting Time	Hardness	Tensile Strength	Tear Strength	Elongation
Poly-condensation										
5 AL/M	Beige	1860	100 : 5	5000	10' - 15'	50' - 60'	12	1.5	2.5	300 - 400
5 AL/V	Beige	1860	100 : 5	5000	10' - 15'	50' - 60'	20	1.6	3.0	200 - 300
5 AL/S	Beige	1860	100 : 5	8000	10' - 15'	50' - 60'	35	1.8	3.0	150 - 250



Restoration

Production of statues, frames and artistic works as religious articles, artificial wood decoration, artistic ceramics. Production of moulds for the restoration of plaster or concrete architectural elements.

Rubber	Colour	Catalyst	Mix Ratio	Viscosity	Working Time	Setting Time	Hardness	Tensile Strength	Tear Strength	Elongation
Poly-addition										
322 A/B	Light Blue	-	100 : 100	7000	45' - 60'	4 h	22	3.5	20.0	400 - 500
528 A/B	Yellow	-	100 : 100	Paste	15' - 20'	60'	36	1.5	7.0	200 -300
Poly-condensation										
118	White	PES	100 : 5	30000	60' - 90'	16 - 24 h	18	3.0	18.0	400 - 500
P	Beige	P Fast	100 : 5	PASTE	30' - 60'	2 - 4 h	30	1.8	10.0	400 - 500

Hobbies



Production of polyester or polyurethane resin objects of various size, for example models on scale of ships, cars, airplanes, trains, soldiers.

Rubber	Colour	Catalyst	Mix Ratio	Viscosity	Working Time	Setting Time	Hardness	Tensile Strength	Tear Strength	Elongation
Poly-addition										
312 A/B	Orange	-	100 : 100	7500	20' - 30'	2 h	13	3.0	16.0	500 - 600
322 A/B	Light Blue	-	100 : 100	7000	45' - 60'	4 h	22	3.5	20.0	400 - 500
330 A/B	Yellow	-	100 : 100	8500	45' - 60'	4 h	30	4.5	20.0	350 - 450
528 A/B	Yellow	-	100 : 100	Paste	15' - 20'	60'	36	1.5	7.0	200 - 300
535 A/B	Lilac	-	100 : 100	Paste	2' - 3'	6' - 8'	43	1.6	7.0	100 - 200
Poly-condensation										
110	White	PES	100 : 5	30000	60' - 90'	16 - 24 h	10	2.5	15.0	500 - 600
120	White	PES	100 : 5	32000	60' - 90'	16 - 24 h	20	3.3	21.0	400 - 500
128	White	PES	100 : 5	30000	60' - 90'	16 - 24 h	26	3.2	16.0	300 - 400
P	Beige	P Fast	100 : 5	PASTE	30' - 60'	2 - 4 h	30	1.8	10.0	400 - 500
5 AL/55R	Red	5 New	100 : 5	20000	60' - 90'	16 - 24 h	55	3.0	4.0	100 - 200





Special Effects

Production of static scenic elements, fictional characters, animals. Prostheses that reproduce faithfully the skin.

Rubber	Colour	Catalyst	Mix Ratio	Viscosity	Working Time	Setting Time	Hardness	Tensile Strength	Tear Strength	Elongation
Poly-addition										
310T A/B	Opalescent	-	100 : 100	15000	10'	45' - 60'	10	3.0	15.0	500 - 600
320T Glass A/B	Transparent	-	100 : 100	500	15' - 20'	4 h	18	1.5	n.d.	100 - 200
PA 22 Body Cream	Pink	-	100 : 100	Cream	5' - 6'	6' - 8'	22	3.5	18.0	400 - 500



Para-medical Field

Dental Labs



Fluid silicone rubber for dental duplication.

High precision putty with high hardness and excellent dimensional stability used to reproduce masks for the manufacture of skeletal and temporary prosthetics.



Rubber	Colour	Catalyst	Mix Ratio	Viscosity	Working Time	Setting Time	Hardness
Fluid Poly-addition							
710 A/B	Blue	-	100 : 100	2000	5' - 10'	20' - 30'	10
716 A/B	Light blue	-	100 : 100	4000	5' - 10'	20' - 30'	16
722 A/B	Light blue	-	100 : 100	5000	5' - 10'	20' - 30'	22
730 A/B	Green	-	100 : 100	5000	5' - 10'	20' - 30'	30
Putty Poly-addition							
870 A/B	Green	-	100 : 100	Paste	1'30" - 2'00"	6' - 8'	70
880 A/B	Orange	-	100 : 100	Paste	1'30" - 2'00"	6' - 8'	80
890 A/B	Light blue	-	100 : 100	Paste	1'30" - 2'00"	6' - 8'	90
Putty Poly-condensation							
P75	Green	Gel	100 : 3	Paste	1'30" - 2'00"	5' - 6'	75
P85	White	Gel	100 : 3	Paste	1'30" - 2'00"	5' - 6'	85
P95	Violet	Gel	100 : 3	Paste	1'30" - 2'00"	5' - 6'	95





Podology

Production of insoles, heel guides and toes spreaders. Realization of orthosis used to correct defects of the foot.

Rubber	Colour	Catalyst	Mix Ratio	Viscosity	Working Time	Setting Time	Hardness
Fluid Poly-addition							
704 A/B	Translucent	-	100 : 100	2000	10'	50' - 70'	4
708 A/B	Translucent	-	100 : 100	2000	10'	50' - 70'	10
Putty Poly-condensation							
1205	Pink	Liq. Fast.	100 : 1	Paste	1'30" - 2'00"	6' - 8'	6
1215	Pink	Liq. Fast.	100 : 1	Paste	1'30" - 2'00"	6' - 8'	15
1230	White	Liq. Fast.	100 : 1	Paste	1'30" - 2'00"	6' - 8'	30



Thanks For Your Attention