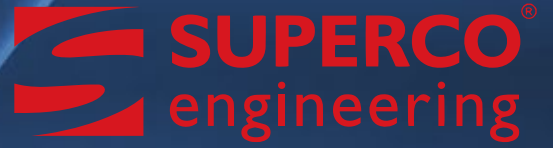


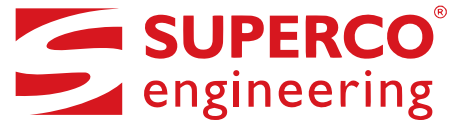


**Electrochem**<sup>®</sup>  
Ultra Performance Silicones & TPE  
ELECTROCHEM SILICONES LTD



## Tubing for Food & Beverage





Welcome to our Company!

**SUPERCO ENGINEERING** designs, produces and supplies a great variety of flexible tubing and profiles made of High Performance Silicones, TPEs and Specialty Polymers for **medical, pharma, laboratory, food & beverage industry.**

We are a pioneer in adopting advance technology for manufacturing reliable, efficient and cost effective products.

In production we are using the highest quality and purity Silicone Elastomers, Latex free, Thermoplastic & Specialty Polymers with certification levels and long term tested chemical formulas.

Our product line is addressed to markets with strict specifications and includes:

- » **Silicone Tubing for pharma industry, lab, food, peristaltic pumps a.o.**  
Our Silicone Tubing line is based on our Suprapure® (Platinum Cured), Supraplus® (Peroxide Cured), Suprapure X & Supraplus X® (X-Ray detectable), Supraflow PPI® & Supraflow PP® (for peristaltic pumps) silicone elastomers.
- » **TPE (Thermoplastic Elastomer)**  
Our TPE Tubing line is based on our Supraflow TPI®, Supraflow OF®, Supralene® TPE based on SEBS, SEPS and other block copolymers.
- » **TPV (Thermoplastic Vulcanisate)**  
Our TPV Tubing line is based on our Supraprene TVi® TPV based on EPDM/PP copolymers.
- » **Vacuum Tubing**  
Our Vacuum Tubing line is based on our SupraVac-S® silicones, SupraVac-V® PVC& Supravyl 505® elastomers.
- » **Flexible Clear Thermoplastic Tubings**  
Our alternative Thermoplastic Tubing line is based on our Supravyl®, Supravin® & Supravin/G® (DEHP free) families of Thermoplastic Polymers.
- » **Silicone Gaskets**  
Our Silicone Gaskets are based on our SupraGask, SupraGask PHAR & SupraGask FG silicone elastomers.
- » **Project Development**

## Why to choose SUPRA line products

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Our production is based on 30 years experience in industrial design and engineering.

German design and R&D combined with high purity and quality raw materials offers excellent products even to individual customer's requirements.

Direct service is always present and customer's satisfaction is among our top priorities.

All our products are manufactured in European Union according to the European and USA standards and recommendations.

They are approved acc. to EN ISO 9001:2015 & EN ISO 13485:2016 Standards for the quality management system in designing, production and sales of elastomers and specialty polymers for Medical and Industrial use.

Additional approval exists in compliance to the European Regulation MDR 2017/745 EU. All our products are accompanied with the CE Mark (with Declaration of Conformity).

FOOD GRADE SILICONE TUBING - GENERAL PURPOSE  
FT TYPE - PLATINUM CURED & FT/W (Water) PEROXIDE CURED FORMULAS



Material	<i>Elsil-FGi</i> <sup>®</sup> & <i>Elsil-FT/W</i> <sup>®</sup> (Platinum Cured) Silicone (VMQ Quality – Food Grade, Non- Recycled)	<b>Available Diameters</b> Inner Ø × Outer Ø in mm	
Appearance	Transparent	2×4	8×11
Colour	None	3×5	8×12
Shape	Circular	3×6	8×13
Temperature Range	-45°C to +180°C	4×7	8×14
Properties	Biologically inert, substrate repels & prevents microbia, bacteria & fungus growth, excellent heat stability, transparent, odourless, tasteless, non-toxic, unmeltable, highly elastic, non deformable, top mechanical properties	4×8	9×12
Dimensions	From I.D. × O.D = 2,0 × 4,0 mm up to I.D. × O.D = 15,0 × 25,0 mm (over 150 combinations). Other dimensions upon request	5×8	9×13
		5×9	10×14
Uses	Liquid transportation. Connection of all types food equipment & devices	6×9	10×15
Length/ Package	25 m rolls (or other length on request) in PE transparent bags firmly sealed	6×10	10×18
Standards	EN ISO 9001:2015, EN ISO 13485:2016, 10/2011/EU Directive, FDA	6×12	11×16
Certificates	EN ISO 9001:2015, EN ISO 13485:2016	7×10	12,5×19
Important note	Clean-In-Place (CIP) suitable	7×11	and over 150 combi- nations
		7×12	
		7×13	

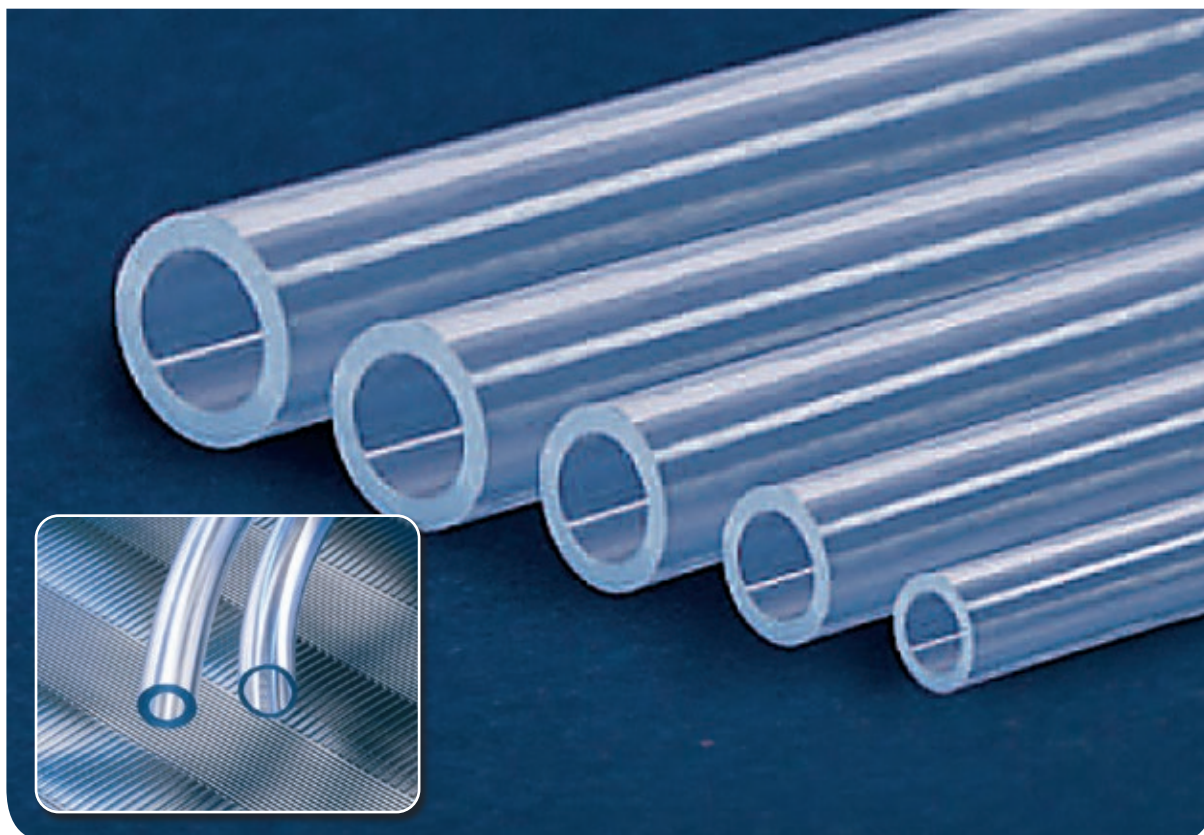
**FOOD GRADE SILICONE TUBING - SPECIAL FORMULA FOR MILK INDUSTRY**  
**FM TYPE - PEROXIDE CURED FORMULAS**



SPECIAL FORMULA FOR MILK INDUSTRY - FM TYPE - PLATINUM & PEROXIDE CURED FORMULAS

Material	<i>Elsil-FMi</i> <sup>®</sup> (Platinum Cured) & <i>Elsil-FM</i> <sup>®</sup> (Peroxide Cured) Silicone (VMQ Quality- Food Grade, Non- Recycled)	<b>Available Diameters</b> Inner Ø × Outer Ø in mm  10×14  10×15  10×18  11×16  12,5×19  and over 150 combinations
Appearance	Transparent	
Colour	None	
Shape	Circular	
Temperature Range	-45°C to +180°C	
Properties	Specially designed for milk (i.e. lactic acid and milk's fatty acids). No extractables, Biologically inert, substrate repels & prevents microbia, bacteria & fungus growth, excellent heat stability, transparent, odorless, tasteless, non-toxic, unmeltable, highly elastic, non deformable, top mechanical properties. Can be washed up & used immediately for many times without loss of it's properties	
Dimensions	From I.D. × O.D = 10,0 × 14,0 mm up to I.D. × O.D = 13,0 × 23,0 mm (over 150 combinations). Other dimensions upon request	
Uses	Liquid transportation. Connection of all types food equipment & devices	
Length/ Package	25 m rolls (or other length on request) in PE transparent bags firmly sealed	
Standards	EN ISO 9001:2015, EN ISO 13485:2016, 10/2011/EU Directive, FDA	
Certificates	EN ISO 9001:2015, EN ISO 13485:2016	
Important note	Clean-In-Place (CIP) suitable	

FLEXIBLE SINGLE or DOUBLE LUMEN PLASTIC TUBING - SPECIAL FORMULA FOR MILK INDUSTRY | **VM TYPE** – PVC BASED - FOOD GRADE | DEHP FREE



Material	100% Food Grade <i>Devia-7F®</i> (DEHP Free) Thermoplastic Homo polymer (Non-Recycled)
Appearance	Transparent
Colour	None
Shape	Circular
Temperature Range	Constant properties from -20°C to +90°C (126°C for short time periods)
Properties	Specially designed for milk (i.e. lactic acid and milk's fatty acids). Non-yellowing. Excellent stability to light & ozone. Glossy surface prevents microbia, bacteria & fungus growth. Transparent, odourless, tasteless, non-toxic, high elasticity, hardly meltable, high modulus, non deformable, top mechanical properties
Dimensions	From I.D. × O.D = 5,0 × 8,0 mm up to I.D. × O.D = 16,0 × 24,0 mm (over 100 combinations). Other dimensions upon request
Uses	Ideal for liquid transportation .
Length/ Package	25 m rolls (or other length on request) in PE transparent bags firmly sealed
Standards	EN ISO 9001:2015, EN ISO 13485:2016, 10/2011/EU Directive, FDA
Certificates	EN ISO 9001:2015, EN ISO 13485:2016
Important note	Clean-In-Place (CIP) suitable

Available Diameters Inner Ø × Outer Ø in mm	
5×8	8×11
5×9	8×12
6×9	8×13
6×10	8×14
6×12	9×12
7×10	9×13
7×11	10×14
7×12	10×15
7×13	10×18
	11×16
and over 150 combinations	

SPECIAL FORMULA FOR MILK INDUSTRY | **VM TYPE** – PVC BASED - FOOD GRADE | DEHP FREE

**FOOD GRADE ELASTIC TUBING  
AS TYPE (STANDARD GRADE) & AF TYPE (SOFT GRADE) - SILICONE REPLACEMENT**



Material	Standard: 100% Food Grade <i>Elte 70</i> <sup>®</sup> (DEHP Free) Thermoplastic Elastomer (Non-Recycled) Soft: 100% Food Grade <i>Elte 60</i> <sup>®</sup> (DEHP Free) Thermoplastic Elastomer (Non-Recycled)
Appearance	Transparent
Colour	None
Shape	Circular
Temperature Range	Constant properties from -20°C to +90°C (126°C for short time periods)
Properties	Non-yellowing. Excellent stability to light & ozone. Glossy surface prevents microbia, bacteria & fungus growth. Transparent, odourless, tasteless, non-toxic, high elasticity, hardly meltable, high modulus, non deformable, top mechanical properties
Dimensions	From I.D. × O.D = 3,0 × 5,0 mm up to I.D. × O.D = 16,0 × 20,0 mm (over 100 combinations). Other dimensions upon request
Uses	Ideal for liquid transportation .
Length/ Package	25 m rolls (or other length on request) in PE transparent bags firmly sealed
Standards	EN ISO 9001:2015, 10/2011/EU Directive, FDA
Certificates	EN ISO 9001:2015, EN ISO 13485:2016
Important note	Clean-In-Place (CIP) suitable

Available Diameters Inner Ø × Outer Ø in mm	
3×5	7×13
3×6	8×11
4×7	8×12
4×8	8×13
5×8	8×14
5×9	9×12
6×9	9×13
6×10	10×14
6×12	10×15
7×10	10×18
7×11	11×16
7×12	16×20
and over 150 combinations	



## Why SUPERCO / ELECTROCHEM SILICONES®

Our Company is well known for designing, producing and supplying ultra performance elastomers.

We focus our research on successful product development that meets individual customer's requirements.

We, founders and owners of **SUPERCO/ELECTROCHEM SILICONES**, personally guarantee Top Quality, Reliability, Innovation and Customer Support.

We value what we do and that is why we build strong working relationships with our customers.

Direct service is always present and customer's satisfaction is among our top priorities.

Through vertical and automatic production we achieve cost efficient operational excellence for our customers.

Our vendors and co-workers are carefully selected in order to enhance customer's trust.

**SUPERCO/ELECTROCHEM SILICONES** with full respect to customers' exact needs exports successfully worldwide.

## Quality

All our products are specially designed for our customers' needs.

Our company is well known for its intensive quality control. By providing technical solutions, by manufacturing innovative products and by being efficient and effective, our customers receive high quality products and services. All products are designed and manufactured according to the European and USA standards and recommendations.

**SUPERCO/ELECTROCHEM SILICONES** has been approved by Lloyd's Register Quality Assurance to EN ISO 9001:2015 & EN ISO 13485:2016 Standards for the quality management system in designing,

production and sales of elastomers and specialty polymers for Medical and Industrial use. Additional approval by Lloyd's Register Quality Assurance exists to DY8d/1348 according to the Domestic Drug Association in compliance to the European Regulation MDR 2017/745 EU.

**SUPERCO/ELECTROCHEM SILICONES** is also registered as medical devices manufacturer in Hellenic Research Center for Biomaterials. All our medical products are accompanied with the CE Mark (with Declaration of Conformity) acc.to MDR 2017/745 EU and all our food grade products with the CE Mark (with Declaration of Conformity) acc.to 10/2011/EU.





**Electrochem®**  
Ultra Performance Silicones & TPE  
ELECTROCHEM SILICONES LTD

## **ELECTROCHEM SILICONES Ltd**

SILICONE ELASTOMERS – SPECIALTY POLYMERS  
EN ISO 9001:2015 - EN ISO 13485:2016 CERTIFIED

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