

HIGH PERFORMANCE ELASTOMER TUBINGS
MEDICAL • PHARMA • LAB • FOOD • VACUUM • GASKETS

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

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).

Our Elastomer Tubings at a glance

SUPRAPURE®
Silicone Tubing



MEDICAL | PHARMA | LAB | FOOD

PLATINUM CURED
FORMULAS

see [page 4](#)

SUPRAPLUS®
Silicone Tubing



MEDICAL | PHARMA | LAB | FOOD

PEROXIDE CURED
FORMULAS

see [page 5](#)

SUPRAFLOW PPI®
SUPRAFLOW PP®
Peristaltic Pumps Silicone Tubing



MEDICAL | PHARMA | LAB | FOOD

PLATINUM & PEROXIDE CURED
FORMULAS

see [page 6](#)

SUPRAFLOW®
SUPRAFLOW OF®
SUPRAPRENE TVi®
Thermoplastic Elastomer (TPE & TPV) Tubing for Peristaltic Pumps

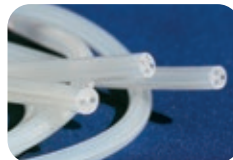


MEDICAL | PHARMA | LAB | FOOD

PVC, SILICONE & LATEX FREE
FORMULAS
OIL FREE GRADES AVAILABLE

see [page 7](#)

SUPRALUMEN®
Multi Lumen/Multi Channel
Silicone Tubing



PHARMA | LAB

PLATINUM & PEROXIDE CURED
FORMULAS

see [page 8](#)

SUPRAVAC-S®
SUPRAVAC-V®
Silicone / PVC Vacuum Tubing



LAB | FOOD

PEROXIDE CURED FORMULAS
DEHP FREE FORMULAS

see [page 9](#)

SUPRALENE®
TPE Tubing



PHARMA | LAB | FOOD

PVC, SILICONE & LATEX FREE
FORMULAS

see [page 10](#)

SUPRAGASK®
Silicone Performance Gaskets



PHARMA | LAB

PEROXIDE CURED
FORMULAS

see [page 11](#)

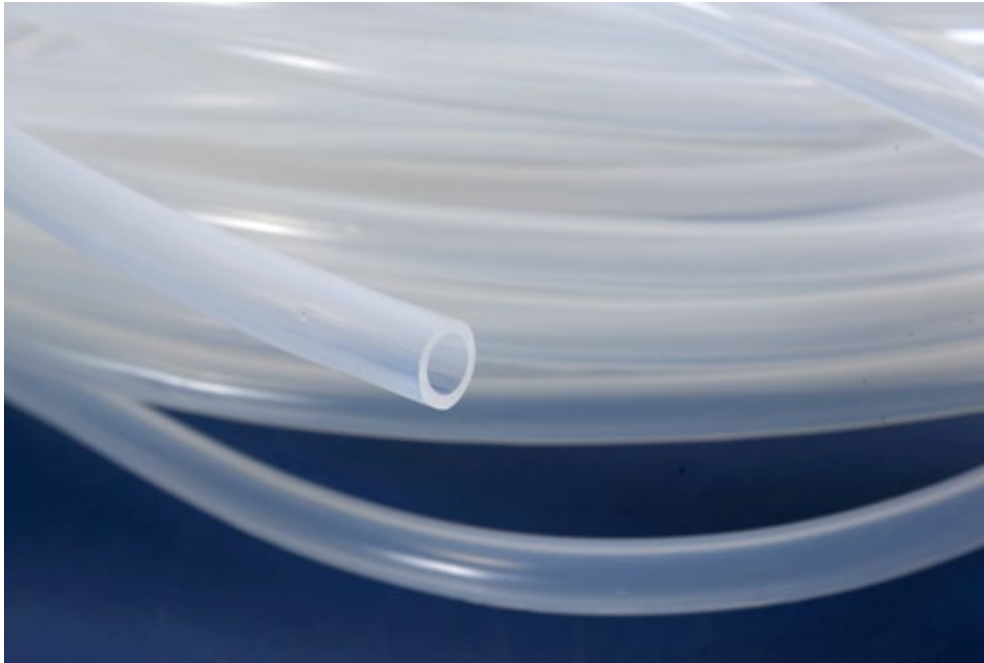
MEDICAL | PHARMA | LAB | FOOD
SUPRAPURE - PLATINUM CURED FORMULAS

Available Diameters Inner Ø × Outer Ø in mm	
0,6×1	7×11
0,75×1,5	7×12
1×2	7×13
2×4	8×11
3×5	8×12
3×6	8×13
4×7	8×14
4×8	9×12
5×8	9×13
5×9	10×14
6×9	10×15
6×10	10×18
6×12	11×16
7×10	12,5×19
and over 150 other combinations	



Material	Suprapure® Medical (Platinum Cured) New Generation Silicone (VMQ Quality – Medical Grade, Non-Recycled)
Appearance	Transparent
Colour	None
Shape	Circular
Temperature Range	-45°C to +180°C
Properties	Excellent heat stability, highly transparent, clear, odourless, tasteless, non-toxic, sterilizable material (plasma, steam, EtO a.o.), CIP, unmeltable, highly elastic, non deformable, top mechanical properties, top clarity
Dimensions	From I.D.×O.D = 0,6×1,0 mm up to I.D.×O.D = 12,5×19,0 mm (over 150 combinations). Other dimensions after request
Uses	Suction (single use), liquid transportation & drainage in all human & veterinary surgical operations. Connection of all types medical, laboratory a.o. equipment & devices
Length/ Package	25 m rolls (or other length on request) in PE transparent bags firmly sealed
Standards/ Certification	EN ISO 9001:2015, EN ISO 13485:2016
Classification	Class I (MDR 2017/745 EU), USP VI (after agreement)

MEDICAL | PHARMA | LAB | FOOD
SUPRAPLUS
PEROXIDE CURED FORMULAS



Available Diameters Inner Ø × Outer Ø in mm	
0,6×1	7×11
0,75×1,5	7×12
1×2	7×13
2×4	8×11
3×5	8×12
3×6	8×13
4×7	8×14
4×8	9×12
5×8	9×13
5×9	10×14
6×9	10×15
6×10	10×18
6×12	11×16
7×10	12,5×19
and over 150 other combinations	

Material	Supraplus [®] Medical (Peroxide Cured) Silicone (VMQ Quality – Medical Grade, Non-Recycled)
Appearance	Transparent
Colour	None
Shape	Circular
Temperature Range	-45°C to +180°C
Properties	Excellent heat stability, transparent, odourless, tasteless, non-toxic, sterilizable material (plasma, steam, EtO a.o.), CIP, unmeltable, highly elastic, non deformable, top mechanical properties, top safety
Dimensions	From I.D.×O.D = 1,0×2,0 mm up to I.D.×O.D = 12,5×19,0 mm (over 150 combinations). Other dimensions after request
Uses	Suction (single use), liquid transportation & drainage in all human & veterinary surgical operations. Connection of all types medical equipment & devices
Length/ Package	25 m rolls (or other length on request) in PE transparent bags firmly sealed
Standards/ Certification	EN ISO 9001:2015, EN ISO 13485:2016, ISO 10993, CE Mark
Classification	Class I (MDR 2017/745 EU), USP VI

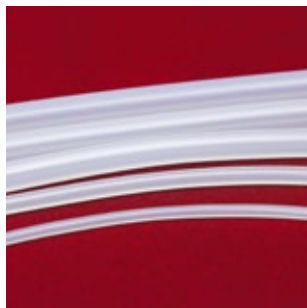
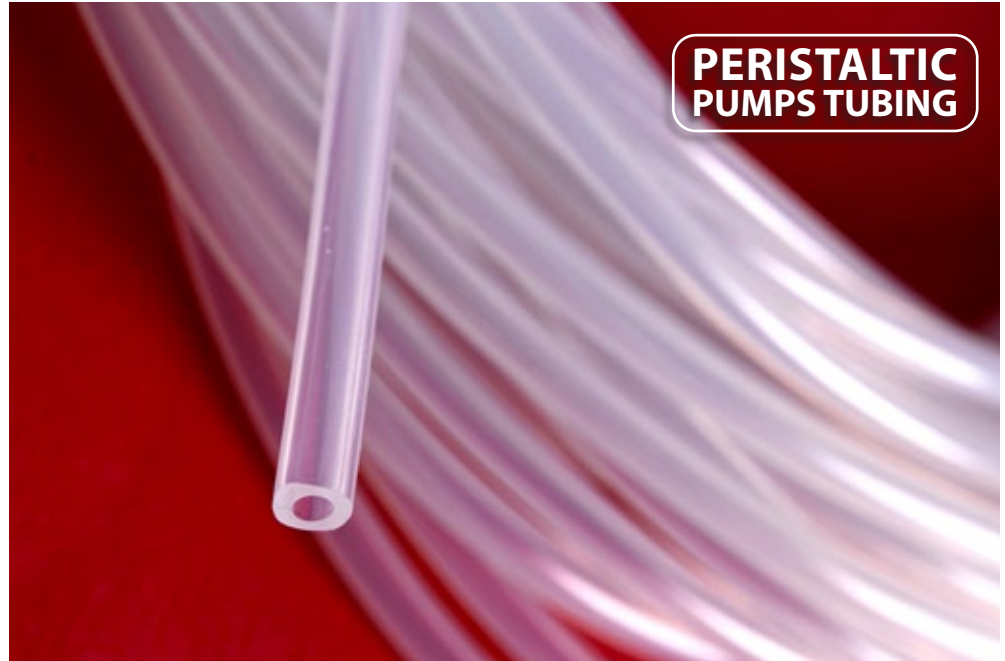


MEDICAL | PHARMA | LAB | FOOD

SUPRAFLOW PPI | SUPRAFLOW PP

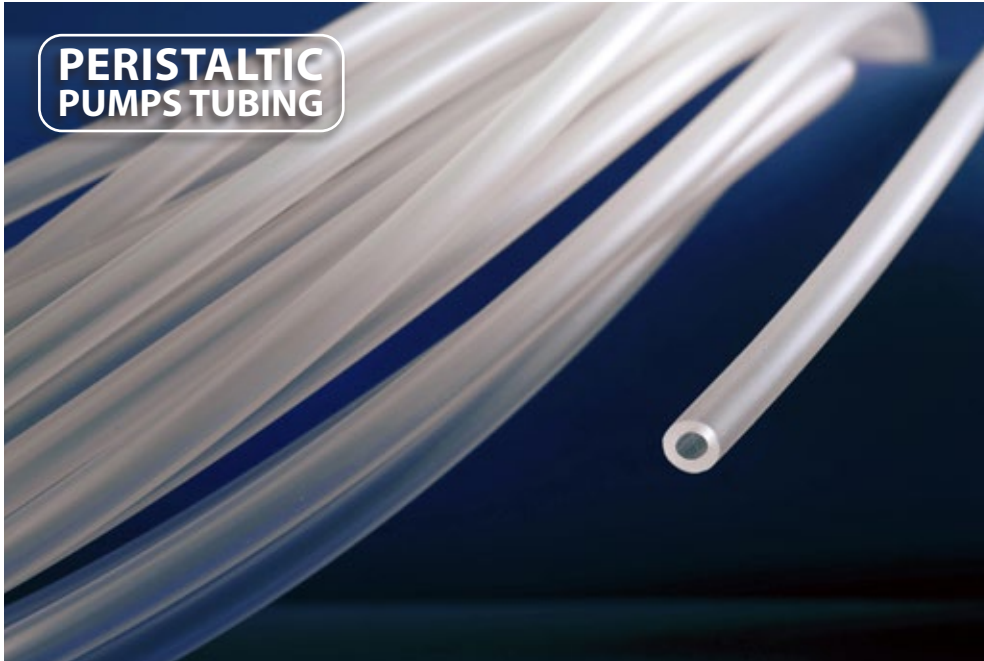
PLATINUM & PEROXIDE CURED FORMULAS FOR PERISTALTIC PUMPS

Standard Diameters Inner Ø × Wall Thickness in mm
2 × 1,0
3 × 1,0
3 × 1,5
4 × 1,0
4 × 1,5
5 × 1,5
6 × 1,5
6 × 2,0
and other after request also available in inches



Material	Supraflow® (Platinum & Peroxide Cured) Silicone (VMQ Quality – Medical & Pharma Grade, Non-Recycled)
Sterile	Sterile (in pouches) or non sterile (in bags) delivered
Appearance	Transparent
Colour	None
Shape	Circular
Temperature Range	-45°C to +180°C
Properties	Instant rebound, laminar flow, top quality, highly elastic, top mechanical properties.
Dimensions	From I.D. × O.D = 2,0 × 4,0 mm up to I.D. × O.D = 6,0 × 10,0 mm (and many other combinations). Other dimensions on request
Uses	For peristaltic pumps. Liquid transportation & drainage in all human & veterinary surgical operations. Absolute flow stability, highly recommended for research and labs. Connection of all types pumping devices
Length/ Package	Pre-cut lengths in pouches, 25 m rolls (PE transparent bags firmly sealed). Other length on request
Standards/ Certification	EN ISO 9001:2015, EN ISO 13485:2016
Classification	Class I (MDR 2017/745 EU), ISO 10993, USP VI available

MEDICAL | PHARMA | LAB | FOOD
SUPRAFLOW, SUPRAFLOW OF, SUPRAPRENE TVi
PVC, SILICONE & LATEX FREE FORMULAS / OIL FREE GRADES AVAILABLE



Available Diameters Inner Ø × Outer Ø in mm	
2×4	6×9
3×5	6×10
3×6	6×12
4×7	7×10
4×8	7×11
5×8	and many other combinations
5×9	



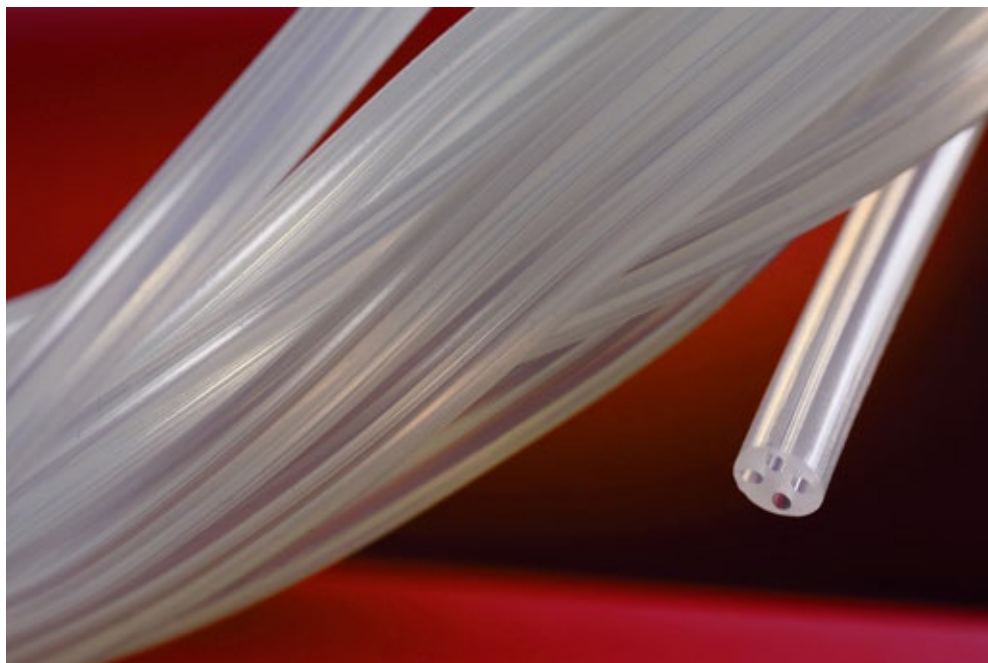
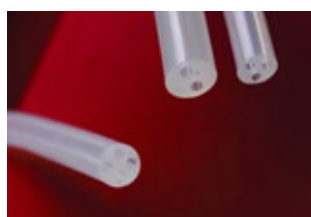
Material	Medical Grade Thermoplastic Elastomers (various compositions), hardnesses from 50 ShA to 75 ShA
Appearance	Transparent or translucent
Colour	None
Shape	Circular
Temperature Range	From -50°C to +125°C (unstressed material)
Properties	Excellent heat stability, transparent or translucent, odourless, tasteless, non-toxic, sterilizable material (plasma, steam, EtO a.o.), hardly meltable, high modulus, non deformable, top mechanical properties
Dimensions	From I.D.×O.D = 2,0×4,0 mm up to I.D.×O.D = 7,0×11,0 mm (over 100 combinations). Other dimensions after request
Uses	Top quality intensively tested tubing. Special grades for over 1.000 hours lifetime. Absolute flow stability, highly recommended for research and labs.
Length/ Package	30 m rolls (or other length on request) in PE transparent bags firmly sealed
Standards/ Certification	EN ISO 9001:2015, EN ISO 13485:2016
Classification	Class I (MDR 2017/745 EU), USP VI available

PHARMA | LAB
SUPRALUMEN - PLATINUM & PEROXIDE CURED FORMULAS

Available Diameters
in mm

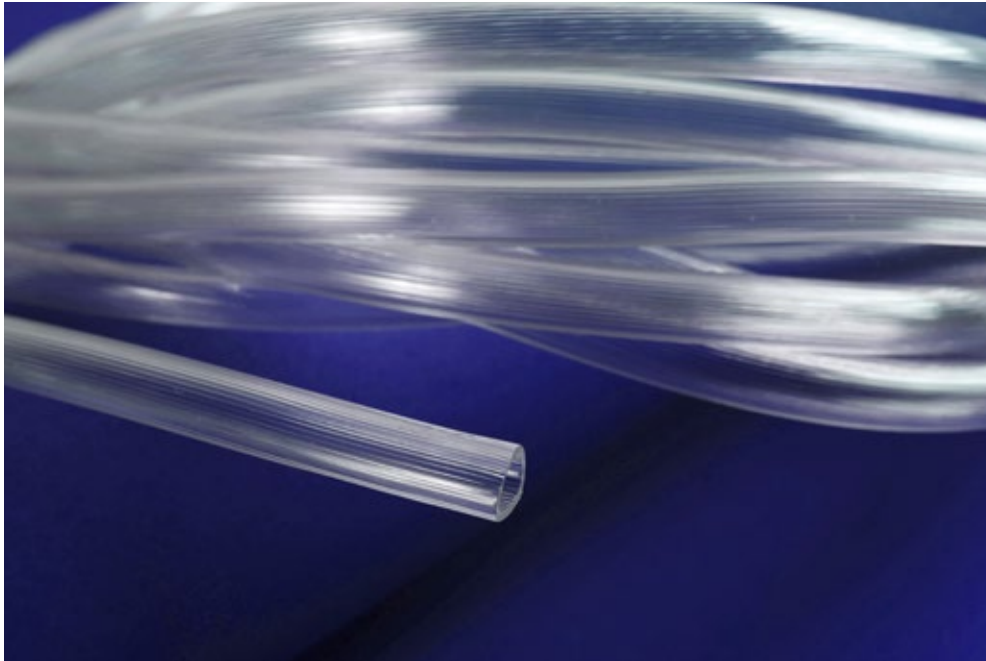
Inner diameter:
from 1mm to 8mm

Outer diameter:
from 4mm to 10mm



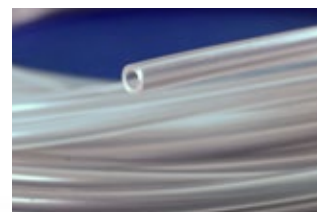
Material	Supralumen® (Platinum Cured & Peroxide Cured) Silicone (VMQ Quality – Medical & Pharma Grade, Non-Recycled)
Appearance	Transparent
Colour	None
Shape	Circular, Rectangular
Lumens	up to 6
Temperature Range	-45°C to +180°C
Properties	Excellent heat stability, transparent, odourless, tasteless, non-toxic, sterilizable (plasma, steam, EtO a.o.), unmeltable, highly elastic, non deformable, top mechanical properties
Dimensions	From Lumen O.D = 1,0×6,0 mm up to I.D.×O.D = 5,0×15,0 mm (over 150 combinations). Other dimensions after request
Uses	Multi-purpose component for pharma and lab applications
Length / Package	25 m rolls (or other length on request) in PE transparent bags firmly sealed
Standards/ Certification	EN ISO 9001:2015, EN ISO 13485:2016, DY8d/1348 (M.o.H.), CE Mark
Classification	Class I (MDR 2017/745 EU)

LAB | FOOD
SUPRAVAC-S | SUPRAVAC-V
 PEROXIDE CURED FORMULAS | DEHP CURED FORMULAS



Standard Diameters Inner Ø × Outer Ø in mm	
1×2	7×10
2×4	7×11
3×5	8×12
3×6	8×13
4×8	9×12
5×8	9×13
5×9	10×14
6×9	10×15
6×10	11×16
and many combinations	

Material	Supravac-S Silicone / Supravac-V PVC
Appearance	Transparent
Colour	none
Temperature Range	Constant properties from -45°C to +180°C
Properties	No Latex containing! Excellent heat stability, transparent, odourless, tasteless, non-toxic, unmeltable, highly elastic, non deformable, top mechanical properties
Dimensions	From I.D.×O.D = 1,0×2,0 mm up to I.D.×O.D = 11,0×16,0 mm (over 150 combinations). Other dimensions after request.
Uses	Special tubings for strict vacuum requirements
Length/ Package	Standard lengths: 1.5, 2.0, 2.5 meters / Pouches in carton box (approx. 100 pcs)
Standards/ Certification	EN ISO 9001:2015, EN ISO 13485:2016, ISO 10993, CE Mark
Classification	Class I (MDR 2017/745 EU), FDA & 10/2011EU



PHARMA| LAB | FOOD

SUPRALENE - PVC, SILICONE & LATEX FREE FORMULAS

Available Diameters Inner Ø × Outer Ø in mm	
3×5	8×11
4×8	8×12
5×8	8×13
5×9	8×14
6×9	9×12
6×10	9×13
6×12	10×14
7×10	10×15
7×11	10×18
7×12	11×16
7×13	12,5×19
and over 150 combinations	



Material	Supralene TPE
Appearance	Transparent
Colour	None
Shape	Circular
Temperature Range	-45°C to +125°C
Properties	Excellent heat stability, transparent, odourless, tasteless, non-toxic, sterilizable (plasma, steam, EtO a.o.), highly elastic, non deformable, top mechanical properties, TOP SAFE
Dimensions	From I.D.×O.D = 3,0×5,0 mm up to I.D.×O.D = 12,5×19,0 mm (over 150 combinations). Other dimensions after request
Uses	Suction (single use), liquid transportation & drainage in all human & veterinary surgical operations. Connection of all types medical equipment & devices
Length/ Package	25 m rolls (or other length on request) in PE transparent bags firmly sealed
Standards/ Certification	EN ISO 9001:2015, EN ISO 13485:2016
Classification	Class I (MDR 2017/745 EU), USP VI (after agreement)

PHARMA | LAB | FOOD

SUPRAGASK - PEROXIDE CURED FORMULAS



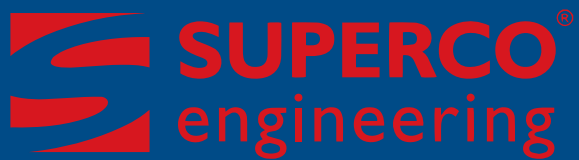
Cross-Sections
Circular (with lumen or solid rod), Rectangular and over 1.000 other complex 2-D shapes



Material	SupraGask [®] , SupraGask [®] PHAR, SupraGask [®] FG & Elsil [®] VLD various pharma & food grades HCR peroxide cured silicone elastomers (over 500 recipes)
Appearance	Various colors
Colour	Transparent, translucent & wide range RAL colors
Shape	Circular, Rectangular a.o. complex shapes
Lumens	up to 3 (acc. to drawing, for optimum flexibility)
Temperature Range	-45°C to +250°C
Properties	Top solution for absolute vacuum processes (freeze dryers a.o.), milk processing, excellent stability against all mild chemical media incl. lactose, fats & oils and solvent vapors, top sealing properties, long working life, CIP
Dimensions	From 1 mm to 30 mm (acc. to drawing)
Uses	Unique sealing properties for freeze dryers & processing equipment.
Length / Package	After agreement, in PE transparent bags firmly sealed
Standards/ Certification	EN ISO 9001:2015, EN ISO 13485:2016
Classification	MDR 2017/745 EU, 10/2011/EU





This data presented in this brochure - whether verbal, in writing or by way of trials - are in accordance with the present state of our knowledge. Our advise does not release the user from the obligation to check its validity and to test our products as to their suitability for the intended processes and uses and does not absolve the user from carefully checking all supplies immediately upon receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The information given in this brochure should be checked by preliminary trials because conditions during processing over which we have no control, especially where other companies' materials are also been used. The information provided by us does not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the product for a particular purpose. Our products are sold in accordance with our General Conditions of Sales, Purchase and Delivery.



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