

GENERAL PRODUCT CATALOG

Silicone Product Catalog

Made to your size and application.



Tubing / Profiles / Cords and Strips

Lid and Oven Seals / Drum Rubber Profiles

www.cinarsilikon.com

INTRODUCTION

From dimensions to application.

Assess product type, cross-section and operating conditions together.

Explore Çınar Silikon products in one catalog, from tubing and lid seals to existing profiles and custom cross-sections. The profile selection uses actual codes with technical data sheets.

2,415

technical data sheets

13

profile groups

2026

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PRODUCT RANGE

Six product groups, one approach.

Let's select the cross-section, dimensions and material for your application.



Silicone tubing

Standard and platinum-cured options, selected by inside diameter, outside diameter and wall thickness.



Silicone profiles

13 profile families, actual technical data sheets and custom cross-sections.



Cords and strips

Solid round cords and flat rectangular strips, selected by diameter, width and thickness.



Oven seals

Assess cross-section, mounting and contact around hot chambers and doors.



Lid seals

Select lip, bulb or channel-fit cross-sections to suit the lid geometry.



Drum rubber profiles

Assess inner and outer drum profiles by channel, cross-section and surface layout.

Assess product function, contact surface, operating conditions and required production quantity together.

TUBING

Standard silicone tubing

Select sizes for flexible connections, fluid transfer or roller sleeves.



New illustrative product rendering.

Product types

Colored and clear options, selected by inside diameter, outside diameter, wall thickness and hardness.

Application examples

Silicone tubing for filling lines, machine connections and shrink tunnel roller sleeves.

Size options

The current list has 965 sizes. The 1 mm bore group includes 1 × 3, 1 × 4, 1 × 5 and 1 × 6 mm options.

Minimum production

100, 50 or 30 meters, based on outside diameter. Quantities for each size appear in the product table.

Color and appearance do not establish the material's technical grade. Share operating conditions and total length when requesting a quote.

PLATINUM-CURED SILICONE

Medical tubing

Clear platinum-cured silicone tubing, with a separate size and production list.



New illustrative product rendering.

Material and appearance

Platinum-cured silicone with a clear body, for applications that require visual monitoring of flow and connections.

Application examples

Fluid transfer in laboratory and process systems; assessment for suitable equipment and pump connections.

Size options

196 sizes, with inside diameters of 1-26 mm and a maximum outside diameter of 30 mm.

Minimum production

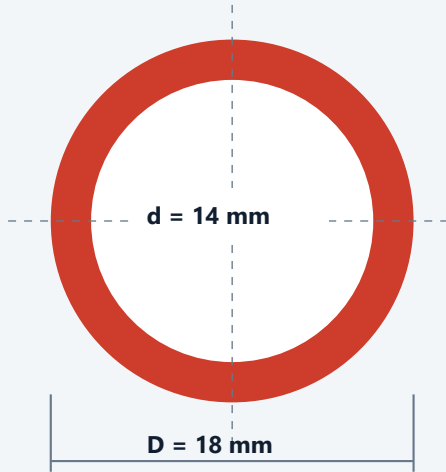
500-1000 meters, based on bore and wall thickness. All 1 mm bore sizes require 1000 meters.

Specify fluid, contact time, cleaning method and required product documents. Compliance is assessed for the selected material.

TECHNICAL DIMENSIONS

How to read a tubing size

Inside diameter × outside diameter. Wall thickness is half the difference.



SIZE EXAMPLE

14 × 18 mm

Inside diameter (d): 14 mm

Outside diameter (D): 18 mm

Wall thickness (t): 2 mm

$$t = (D - d) / 2$$

ID × OD (mm)	Wall (mm)	Standard minimum	Medical minimum
1 × 3	1	100 m	1000 m
1 × 6	2,5	100 m	1000 m
6 × 10	2	100 m	800 m
14 × 18	2	50 m	800 m
26 × 30	2	50 m	800 m

The drawing shows dimension relationships, not actual physical scale on paper. Full size lists are in the standard and medical product sections.

APPLICATION EXAMPLES

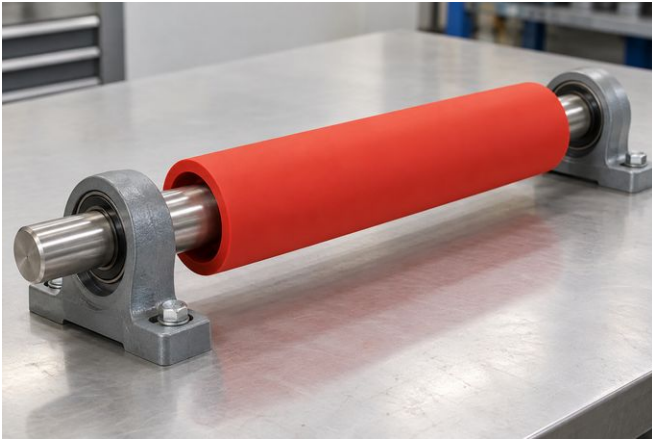
The tubing's function guides selection.

The same product group faces different conditions in different applications.



Filling and fluid transfer

Assess connection diameter, fluid, line length, pressure or vacuum, and cleaning procedures together.



Silicone roller sleeves

Roller diameter, fitted length, wall thickness, surface temperature and product contact are key selection details.

Application images are new illustrative renderings. Select the final product alongside equipment and operating conditions.

PROFILE CATALOG

Explore 13 profile families.

Choose a cross-section for your application from 2,415 technical data sheets.

2,415

technical data sheets

13

profile groups

13

codes selected for this catalog

	PROFILE FAMILY	DATA SHEETS	SELECTED CODE
	Box Profile	85	20001
	D Profile	519	20086
	E Profile	122	20605
	L Profile	106	20727
	Lip Profile	81	20835
	P Profile	270	20915
	T Profile	407	21184
	Stemmed Profile	44	21594
	Trapezoidal Profile	83	21635
	U-Channel Profile	548	21718
	U-Channel Bulb Profile	94	22267
	Inner Drum Rubber Profile	48	30007
	Outer Drum Rubber Profile	8	30043

Search the full catalog by profile code, cross-section group and size range. This general catalog includes 13 actual codes representing the families.

SELECTED PROFILES

Box, D, E and L sections

Examples of hollow, domed and corner cross-sections.

**20001****Box Profile**

Width 22 / Height 22 mm

Silicone / 70 Shore A

[View data sheet](#)**20086****D Profile**

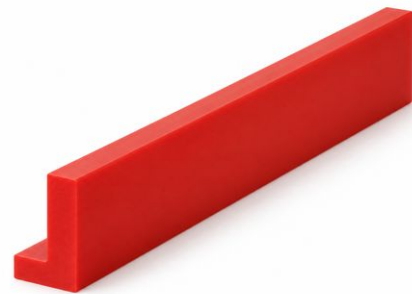
Width 19 / Height 27 mm

Silicone / 70 Shore A

[View data sheet](#)**20605****E Profile**

Width 18 / Height 18 mm

Silicone / 70 Shore A

[View data sheet](#)**20727****L Profile**

Width 12,7 / Height 25,4 mm

Silicone / 70 Shore A

[View data sheet](#)

Dimensions are taken from the profile catalog. * Calculated catalog dimension. New 3D renderings are illustrative; open the relevant data sheet to confirm the exact cross-section and dimensions.

SELECTED PROFILES

Lip, flange and stem geometries

Assess the contact surface, mounting geometry and cross-section together.

**20835****Lip Profile**

Width 8,5 / Height 10 mm*

Silicone / 70 Shore A

[View data sheet](#)**20915****P Profile**

Width 23 / Height 12 mm*

Silicone / 70 Shore A

[View data sheet](#)**21184****T Profile**

Width 15 / Height 10 mm

Silicone / 70 Shore A

[View data sheet](#)**21594****Stemmed Profile**

Width 29,5 / Height 12,5 mm*

Silicone / 70 Shore A

[View data sheet](#)

Dimensions are taken from the profile catalog. * Calculated catalog dimension. New 3D renderings are illustrative; open the relevant data sheet to confirm the exact cross-section and dimensions.

SELECTED PROFILES

Channel and solid cross-sections

Actual codes from the trapezoidal, U-channel and U-channel bulb families.

**21635****Trapezoidal Profile**

Width 10 / Height 12 mm

Silicone / 70 Shore A

[View data sheet](#)**21718****U-Channel Profile**

Width 8 / Height 7 mm

Silicone / 70 Shore A

[View data sheet](#)**22267****U-Channel Bulb Profile**

Width 6 / Height 15 mm

Silicone / 70 Shore A

[View data sheet](#)

CUSTOM CROSS-SECTION

Can't find the profile you need?

Share your technical drawing or sample. Let's assess the cross-section based on channel, contact surface and mounting requirements.

[Get profile quote](#)

Dimensions are taken from the profile catalog. * Calculated catalog dimension. New 3D renderings are illustrative; open the relevant data sheet to confirm the exact cross-section and dimensions.

PROFILE SELECTION

Match the section to the mounting.

Channel dimensions, contact gap and operating arrangement guide selection.

**Channel and positioning**

Measure channel width, depth and existing connection geometry. Show the profile's seating direction in the technical drawing.

Contact and compression

Share the closed-lid gap and contact surface. Select cross-section, hardness and compression together.

Corners and joints

Specify frame dimensions, corners, joints and fitted length. The joining method depends on the application.

Operating conditions

Specify temperature, substances in contact, mechanical movement and cleaning conditions. Required tolerances and documents are assessed separately.

[Open the full profile catalog](#)

Profile dimensions alone do not establish suitability. Assess the data sheet, mounting drawing and operating conditions together.

SOLID CROSS-SECTIONS

Silicone cords and strips

Round cord or flat strip, selected for dimensions and contact requirements.



New illustrative product rendering.

Silicone cords

Solid round cross-sections. Specify diameter, total length, hardness and color in your inquiry.

Silicone strips

Flat rectangular cross-sections. Specify width x thickness and total length together.

Application examples

For assessment as channel fillers, contact strips between surfaces, and around machines and lids.

Manufacturing and fitting

Butt joints and fitting to frames are assessed for the application. Required quantities are confirmed at quotation.

Cords are solid round sections; strips are solid rectangular sections. The tubing terms inside/outside diameter do not apply to these products.

SEALING SOLUTIONS

Oven seals

Cross-section, contact and mounting around hot chambers and doors.



New illustrative product rendering.

Cross-section options

D, E, P and custom geometries can be assessed against the door and channel layout.

Application examples

For assessment as sealing lines around oven doors and hot chambers.

Selection considerations

Specify continuous and peak temperatures, opening cycles, compression distance and contact environment.

Technical data sheet example

The image is a new rendering of selected E profile 20605. Its 18 × 18 mm section and 70 Shore A catalog value are shown in the data sheet.

Oven applications require separate temperature and material-grade assessment. Profile shape alone does not establish a temperature rating.

SEALING SOLUTIONS

Lid seals

Select lip, channel and bulb cross-sections to suit the lid geometry.



New illustrative product rendering.

Lip sections

For layouts where a flexible lip must contact the mating surface. Show lip direction in the mounting drawing.

Channel-fit sections

Select U-channel and U-channel bulb options alongside channel or edge geometry.

Application examples

Machine, enclosure and equipment lids, maintenance panels and similar peripheral contact applications.

For a quote

Share channel dimensions, closed-lid gap, total perimeter, corners and joints.

Image: new illustrative rendering of lip profile 20835. Confirm the exact cross-section and dimensions using its data sheet and mounting arrangement.

DRUM APPLICATIONS

Inner and outer drum rubber profiles

Different sections for surface, channel and operating arrangements.

**30007****Inner Drum Rubber Profile**

Width 30 / Height 27 mm

Silicone / 70 Shore A

[View data sheet](#)**30043****Outer Drum Rubber Profile**

Width 33 / Height 31 mm

Silicone / 70 Shore A

[View data sheet](#)**Inner drum section**

In profile 30007, the upper teeth and side channels are part of its geometry. Assess channel and mounting direction together.

Outer drum section

For profile 30043, the data sheet shows the central cavity and surface layout. Select the section based on drum and mounting dimensions.

Application details

Specify drum diameter, total length, surface layout, temperature, movement and product contact.

Replacement and custom sections

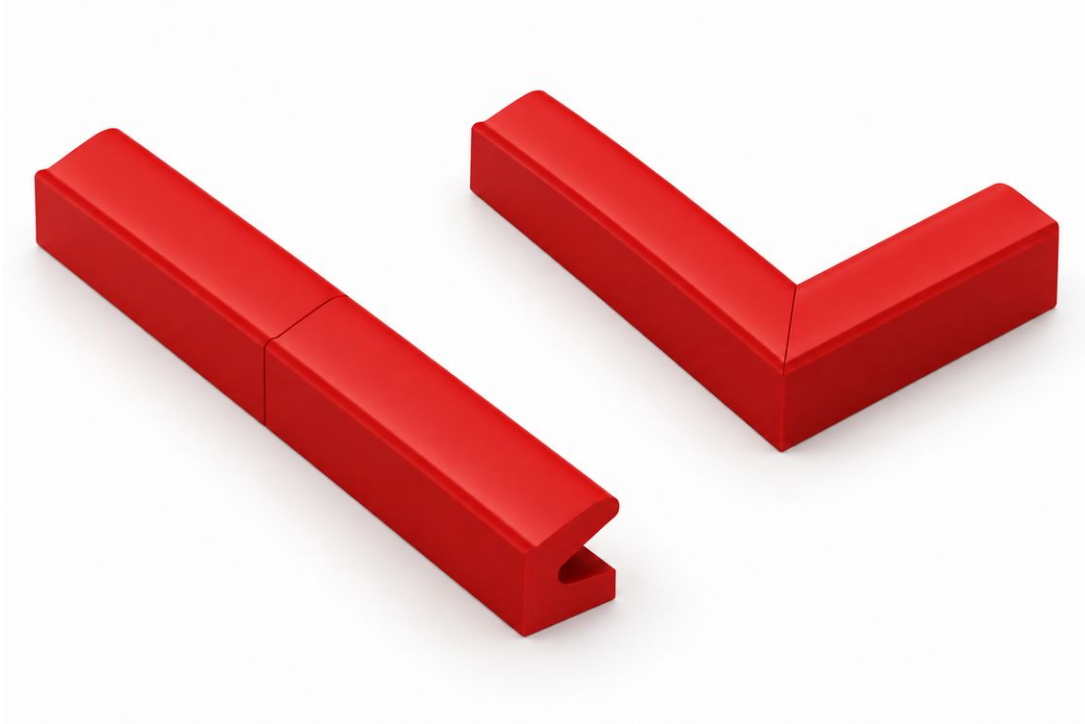
A cross-section photo, sample or technical drawing of the existing part helps identify suitable dimensions.

Inner and outer drum codes belong to separate families. 3D images are illustrative; confirm dimensions and mounting using the data sheet.

MANUFACTURING DETAILS

Butt and corner joining

Assess butt joints and corner transitions together with cross-section continuity.



New illustrative product rendering.

Butt joining

Specify joint location and working load. Assess the joining method for the silicone material and application.

Corner transitions

Describe frame dimensions, corner angles and section orientation. Assess contact-line continuity together.

Part and frame inquiries

Prepare your inquiry with profile code, finished part dimensions, quantity and mounting details.

The new joining image illustrates the method. Final joint geometry and process depend on the selected material and application.

CUSTOM MANUFACTURING

From your drawing to product selection.

We can also assess cross-sections not included in the standard list.

01**Technical drawing or sample**

Share your cross-section, dimensions or existing part sample. Identify functional surfaces and critical dimensions.

02**Application conditions**

Describe substances in contact, temperature, movement, mounting and cleaning procedures.

03**Material and production details**

Define hardness, color, length/quantity, tolerances and required documentation together.

04**Quote and dimension confirmation**

We quote after reviewing manufacturing, quantity and dimension or sample confirmation.

Share your technical drawing

For custom manufacturing, die/section requirements, material and quantity are confirmed as part of the quotation.

TECHNICAL SELECTION

Match material to operating conditions.

The operating environment matters as much as the cross-section.

Hardness and flexibility

Select Shore A hardness for fitting, bending and compression needs. The selected profile data sheets specify 70 Shore A.

Temperature

Specify continuous and short-term temperatures separately. Include the temperature during cleaning cycles.

Chemical contact

Share the substance, concentration, temperature and contact time. Include cleaning fluids in the same assessment.

Pressure and vacuum

For tubing in particular, assess connections, line pressure/vacuum and cross-section together. Wall thickness alone is not a performance rating.

Color and transparency

Specify flow monitoring, part identification and appearance needs. Color or transparency does not establish the material's technical grade.

Cleaning and documentation

Share cleaning/sterilization method, cycle, required tests and product documents before quotation.

Numerical operating limits and required compliance depend on the selected material's data sheet and application conditions.

PRODUCTION QUANTITIES

Minimum production by size

Separate rules for standard and platinum-cured tubing.

STANDARD TUBING

Outside diameter	Minimum production
15 mm and below	100 meters
Over 15 mm - 30 mm	50 meters
Over 30 mm	30 meters

PLATINUM-CURED MEDICAL TUBING

Wall thickness	Minimum production
1 mm	1000 meters
1,5 or 2 mm	800 meters
2,5 or 3 mm	600 meters
3,5 / 4 / 4,5 / 5 mm	500 meters

Special rule: All medical tubing with a 1 mm bore requires 1000 meters, regardless of wall thickness.

For cords, strips, profiles and finished seals, minimum quantities are confirmed at quotation based on cross-section, material, length and production arrangement.

For half-millimeter wall thicknesses, use the next whole thickness's quantity. Data are from current Çınar Silikon tubing lists.

PREPARING YOUR INQUIRY

Describe your requirements clearly.

A technical drawing, sample or cross-section photo helps with product selection.

Information to share	Include in your inquiry
Product group / code	Tubing, profile, cord, strip or seal; profile code if available.
Dimensions	Tubing: ID × OD. Profiles: width/height and critical dimensions.
Quantity	Total length or finished part length and quantity.
Material / appearance	Hardness, color, transparency or platinum-cured silicone.
Operating conditions	Temperature, substances in contact, movement and pressure/vacuum.
Mounting	Channel, contact gap, corners, joints and connections.
Documentation	Required tests, data sheets and compliance requirements.

Technical drawing

Show cross-section orientation, dimensions, tolerances and fitted length.

Sample or photograph

Share a photo clearly showing the cross-section and an existing part sample, if available.

[Request a quote](#)[Send by email](#)

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MADE TO YOUR SIZE AND APPLICATION

Let's define your silicone requirements together.

Share your technical drawing, dimensions or existing part sample. Let's assess product, cross-section and material options together.

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General Product Catalog / 2026. Interior images illustrate products and applications. Selected profile dimensions and tubing quantities come from current catalog data.