

Company ↙

SECIL's highly automated factory in Turkey and Belarus produce thousands of different seals every year, with a high level of quality management for different sectors. We have know-how regarding rubber mixing, moulding, machinery, rubber extrusion, and injection. Experience on different production processes like covered seals, mono, co-ex, tri-ex, with cord, metal insert or many others.

↘ Seal Quality & Performance

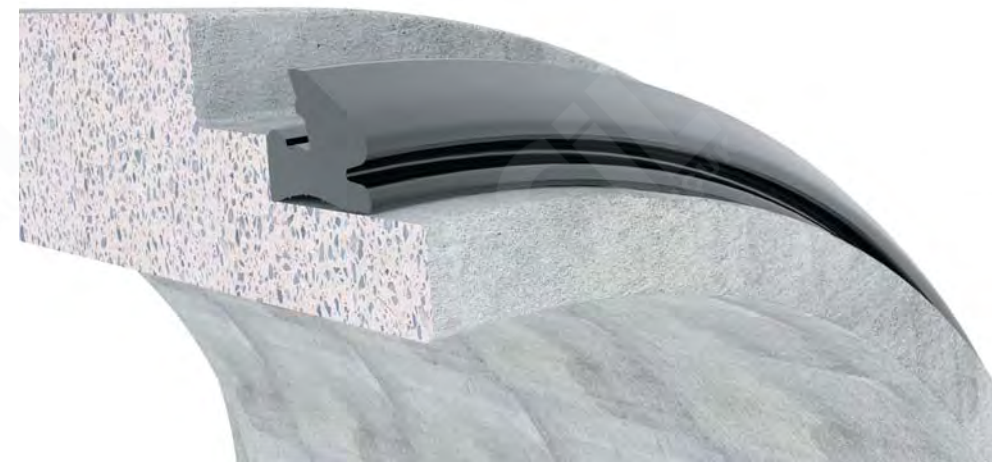
SECIL quality controls from incoming raw materials to finished products are made by specialists independent of the production process of Secil. Tests are also made by third part controlling company upon demand. This double quality control guarantees a constant quality of all SECIL products.

Angel

Co-ex
Pre-Lubricated
Seal for
Manhole & Pipes

Spigot Lip Seal

Spigot Seal
for Low Pressure
Manhole & Pipes



CERTIFICATIONS

SEÇİL KAÜÇÜK is extensively involved with standardization committees and collaboration with leading testing institutes and authorities around the world. SEÇİL KAÜÇÜK is also a customer-driven company. If customers require certificates that demonstrate compliance with various standards SEÇİL KAÜÇÜK will apply for the certification process at the competent institutions.



Example of authorities Seçil Kauçuk cooperating with



FACTORY / HEAD OFFICE

Tarsus Adana Karayolu 7. Km. 33400 Tarsus-Mersin /TURKEY
Phone: +90 324 616 11 40 Fax: +90 324 616 04 04
Web: www.seciltr.com E-Mail: seciltr@seciltr.com





Apply lubricant to the whole surface around the pipe spigot before assembly. Pay special attention to the front edge of the spigot.

Seal Performance and Assembly Instructions

The seal is primarily designed for concrete pipe and manhole installations. Lip seal meets or exceeds the requirements of the standards EN 1916 / 1917.

Pipe ends should be cleaned, seal stretched onto pipe spigot and position against the shoulder as shown on the picture above.

Equalize the tension by lifting and releasing the seal at several points, apply the lubricant and perform the assembly process.

The seal is compressed when the pipe spigot is inserted into the socket, creating a positive sealing pressure under both internal and external pressure.

The geometry of the seal makes pipes centering easier during joining.

The special design of the seal gives:

- Very low assembly force and centered pipes
- Excellent sealing capability under both internal and external pressure
- Excellent sealing capability when angular deflection is applied
- Good distribution of vertical shear load.

Example of sizes

Profile Dimensions (mm)		
A	B	Gap
13	18.0	8.0 + 1.40
16	22.5	9.5 + 1.50
25	35.0	15.0 + 1.90



Seal Design & Requirements

Secil work closely together with pipe and machine manufacturers with regard to design of correct pipe seals.

We have know-how regarding pipe production and seal assembly. We can also provide technical support to our customers with sales support in different languages in a range of different countries.



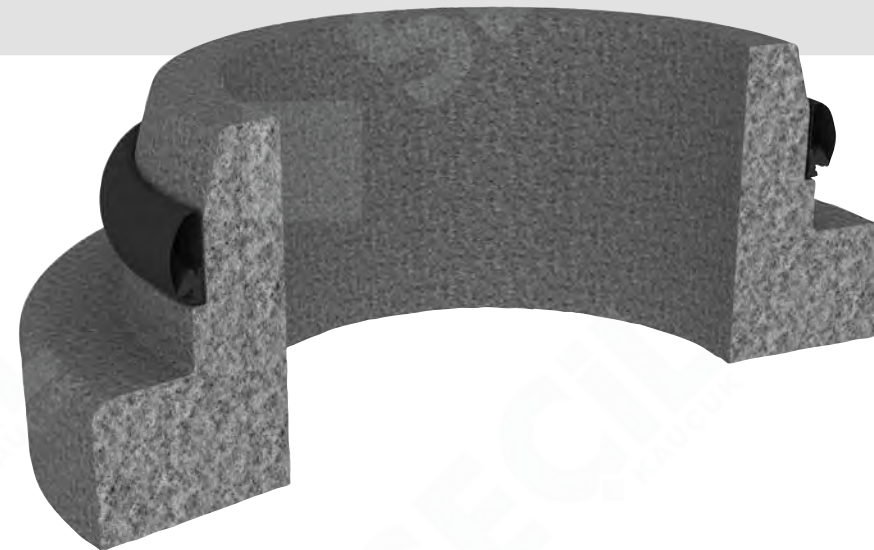
* Values and properties shown in diagrams and tables are not subject to any guarantees. Our warranty is limited to the values and properties as required by the relevant standards.
* Our literature, data sheets and recommendations represent our knowledge at the time of printing but are in no way legally binding on us. Our "General Conditions of Sale" apply to all sales.

Material

- EPDM rubber mixing is our main strength.
- SBR, NBR or different material are available on inquiry.
- In all cases, we use compound from our own mixing facilities.
- Ready EPDM compound 40-50-60-70 IRHD according to TSE and EN 681-1
- Other standards are available on request.
- EPDM is the most popular material protected against ozone and high chemical resistance.
- Oil resistant grades are available on request.
- EPDM can be expected to outlast the pipes lifetime.

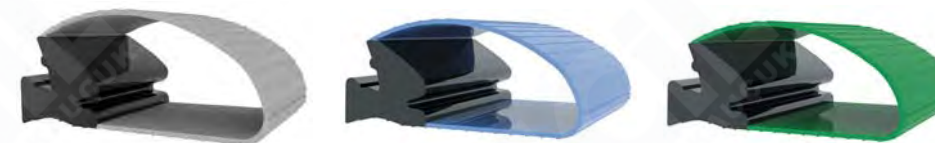
Seal Packing & Marking

- Different packing possibilities prepared on our customer needs.
- Secil seals are marked with seal dimension and the date of manufacture.
- The box is labelled with the corresponding data.



ANGEL Co-Ex Pre-lubricated Seals

Angel Pre-lubricated product made from high quality EPDM material and manufactured in co-ex technology to the highest production standard of the rubber gasket industry. The Co-EX production way gives us possibility better process controlling. We are able to use different materials and colours in one product.



Small changes can make big differences.

- Angel is installation-friendly.
- Angel need less installation time and lower costs.
- Angel is available in different material or different colours.
- Angel reduced insertion force.
- Angel specially formulated internal lubrication.
- Angel is available for manhole & pipe offset joints.
- Angel Pre-lubricated product is in accordance with the requirements of EN 681-1/DIN 4060 – seals made from EPDM rubber.

