

POLKA
polimer

**GASKET
PRODUCT
GROUPS**



"POLKA is a brand of FORTA İnşaat."

FORTA INNOVATIVE CONSTRUCTION

ABOUT US

FortaInnovative Construction is an enterprise with 100% Turkish capital operating with its expert engineer staff, established with the aim of providing innovative construction solutions to the Turkish construction industry and exporting its knowledge and products in the field of construction to the whole world. FortaInnovative Construction has become the solution partner of all the companies it has served until today in every field beyond supplying products due to project consultancy and turnkey project services.

POLKA

Our Polka product group, which we started production activities in Veliköy in 2017 as FortaInnovative Construction, has been a follower of quality in the rubber industry since the day it started production. Forta aims to provide added value to projects with its expert engineer staff and experienced staff. In the rubber industry where we entered with Integrated Pipe Seal and Tunnel Sealing Gasket, today we continue to serve in different areas such as door and window systems, aluminum facade systems, ship building seals, automotive industry seals, grouting seals and clamp tires in line with customer demands.



ISO 10002:2018

ISO 9001:2015

ISO 14001:2015

ISO 45001:2018



R&D & LABORATORY

Our R&D unit creates new recipes in line with changing consumer demands and the products produced according to these prescriptions are subjected to tests by our expert staff in our laboratory in line with the relevant standards. Our quality control process starts from the raw material procurement and continues with periodic controls during and after manufacturing.



Parmanent Crush Test



Reometer



Tensile Strenght Test/ Stress Relaxation Test



Profile Projection



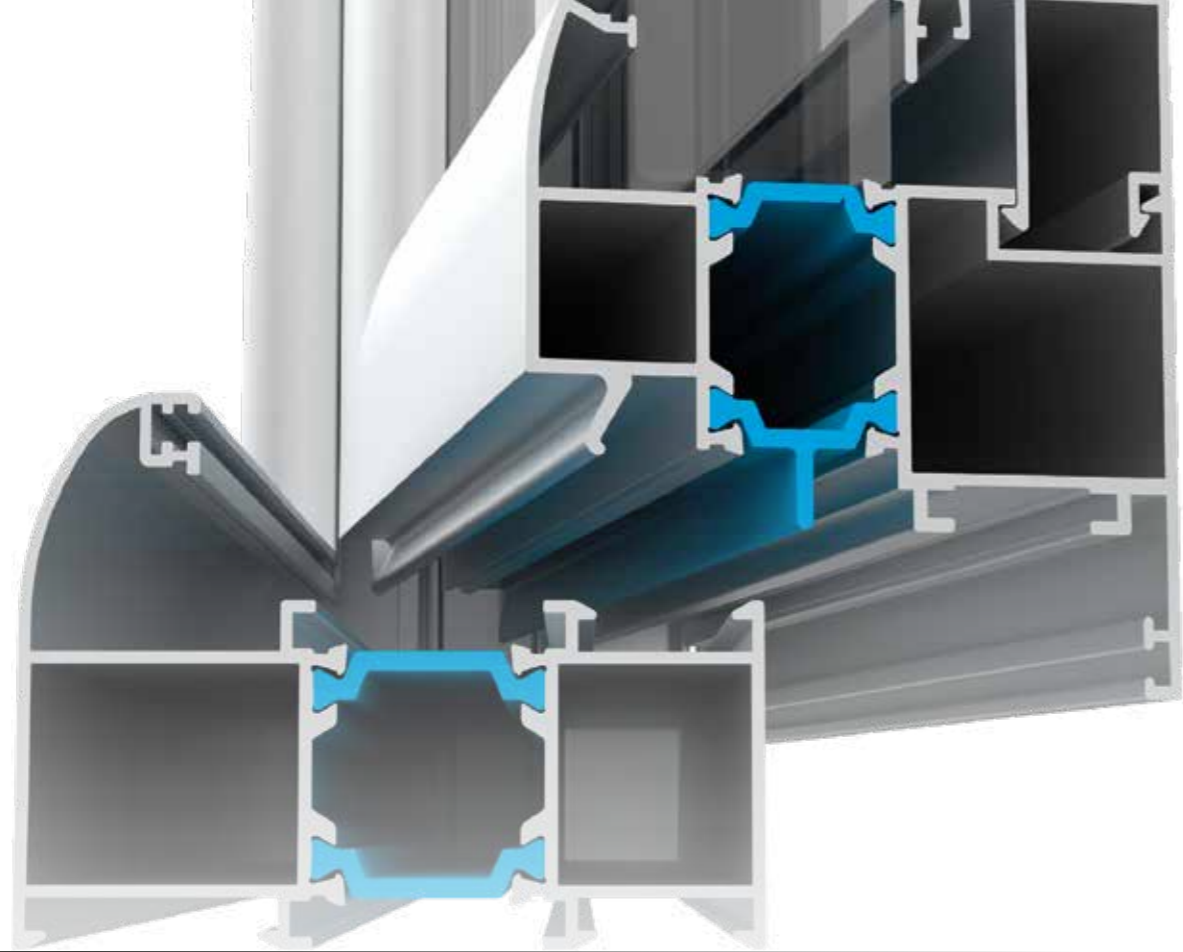
Aging Test



Shore Meter

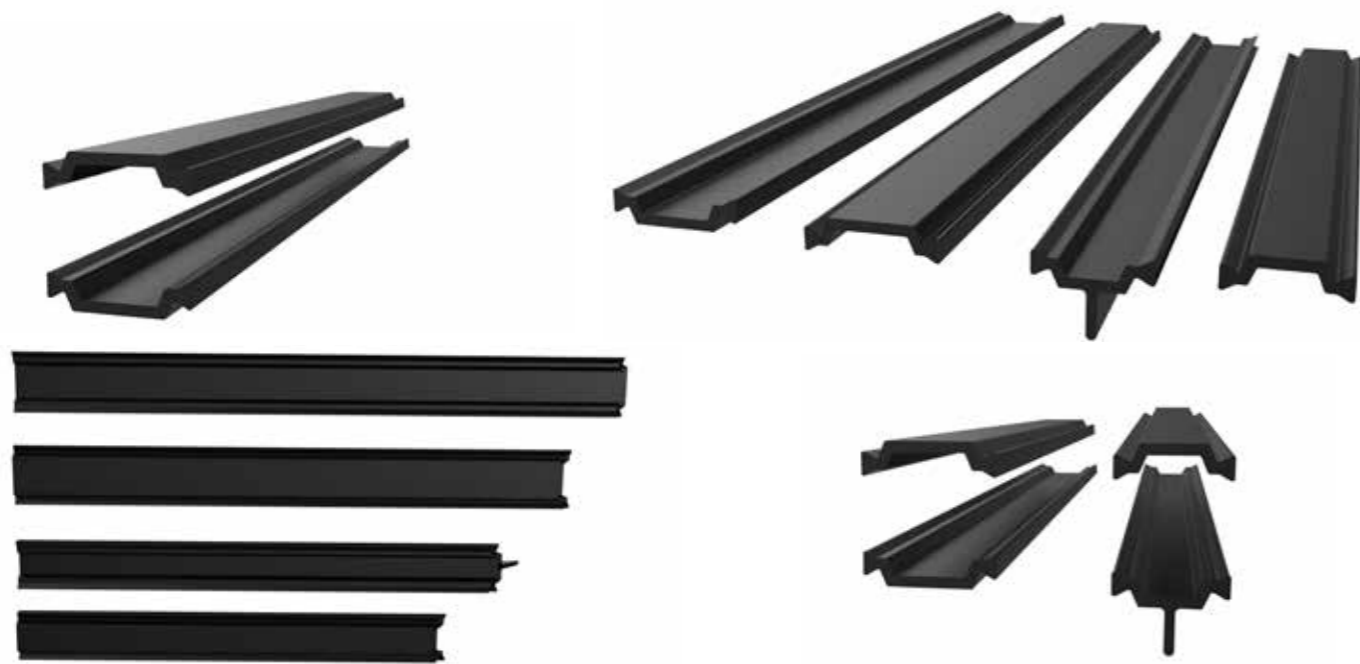


Density Test



THERMAL BARRIER SYSTEMS

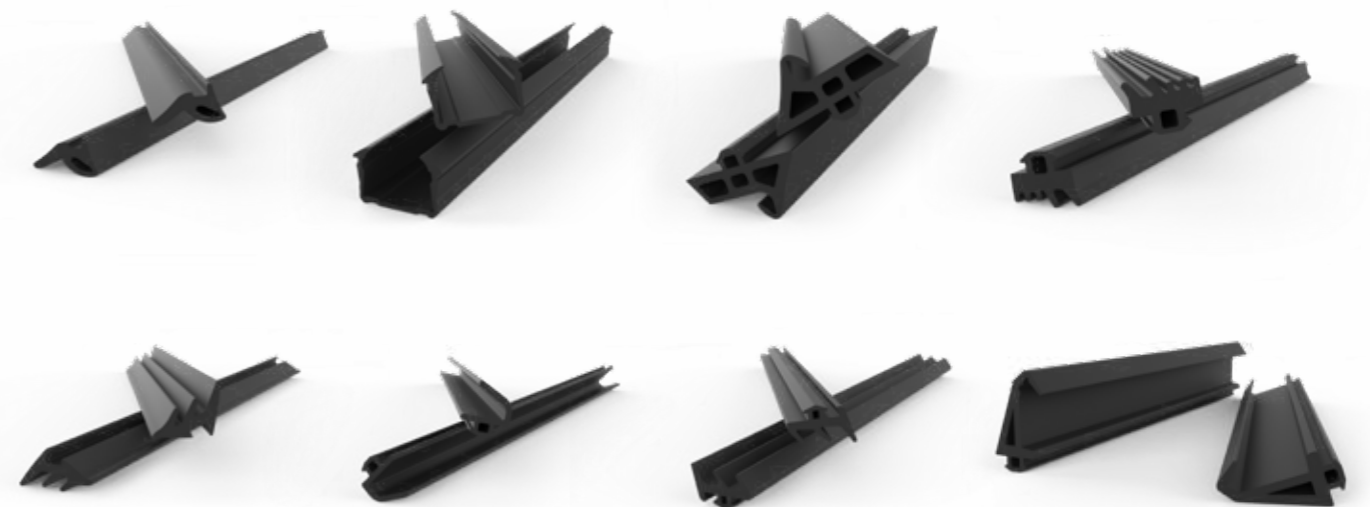
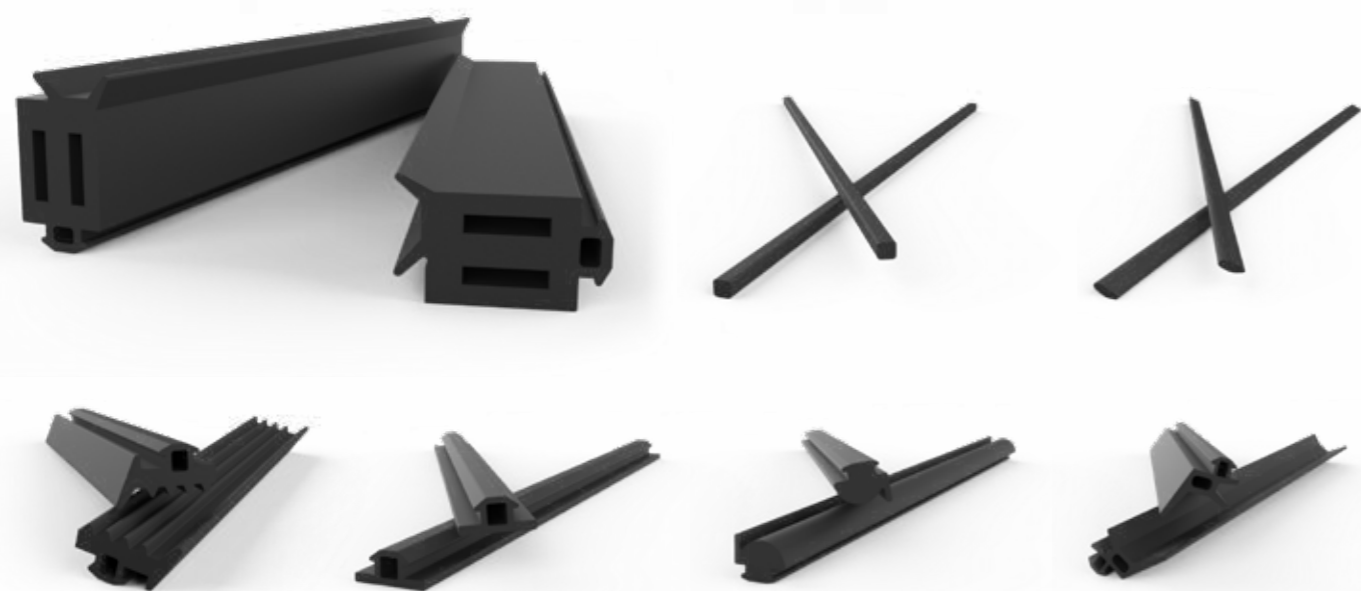
Thermal barriers serve as a material that prevents the heat conduction of aluminum and creates a heat barrier. Polka thermal barriers can be made of reinforced material such as polyamide and glass fiber-reinforced plastics according to customer demand. Polka thermal barriers minimize heat transfer between the inner and outer surfaces of the aluminum profile and increase energy efficiency. It increases the temperature control of the interior and contributes to energy saving.





DOOR WINDOW SYSTEMS

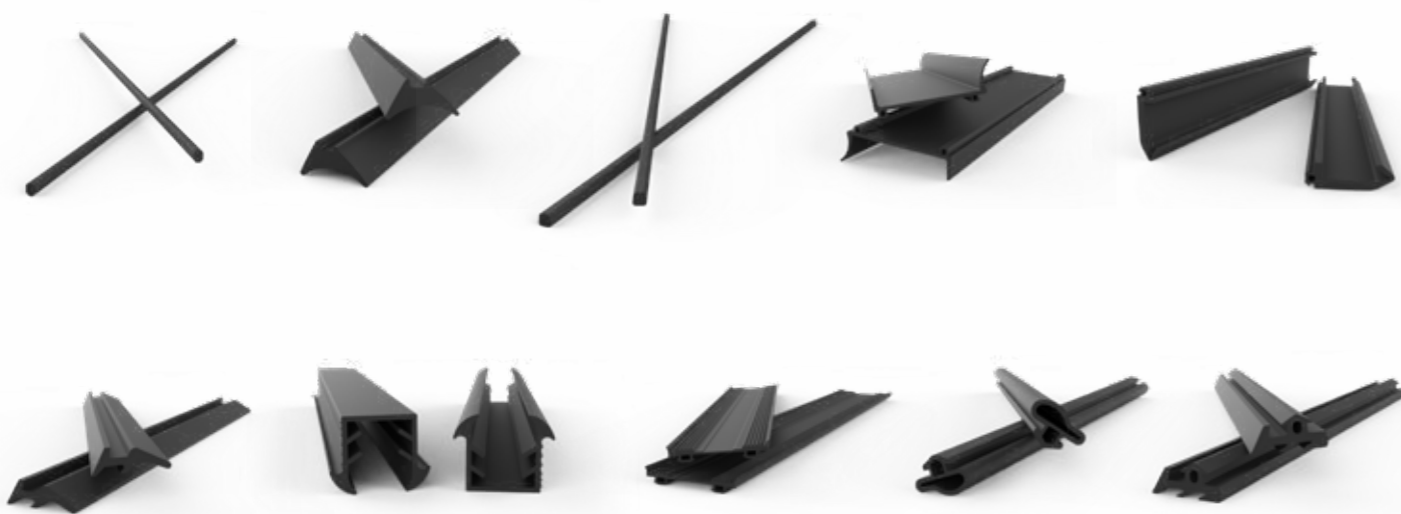
Polka door and window seals produced in line with customer demands provide effective sealing by isolating the interior from the external environment conditions. It has high resistance to sun-air oxidation and ozone cracking.





ALUMINUM FACADE SYSTEMS

Polka aluminum facade system gaskets, which are produced by considering the technical requirements and application types needed in aluminum facade systems, are easy to install, has high UV ozone resistance and low permanent deformation.



SHIP BUILDING

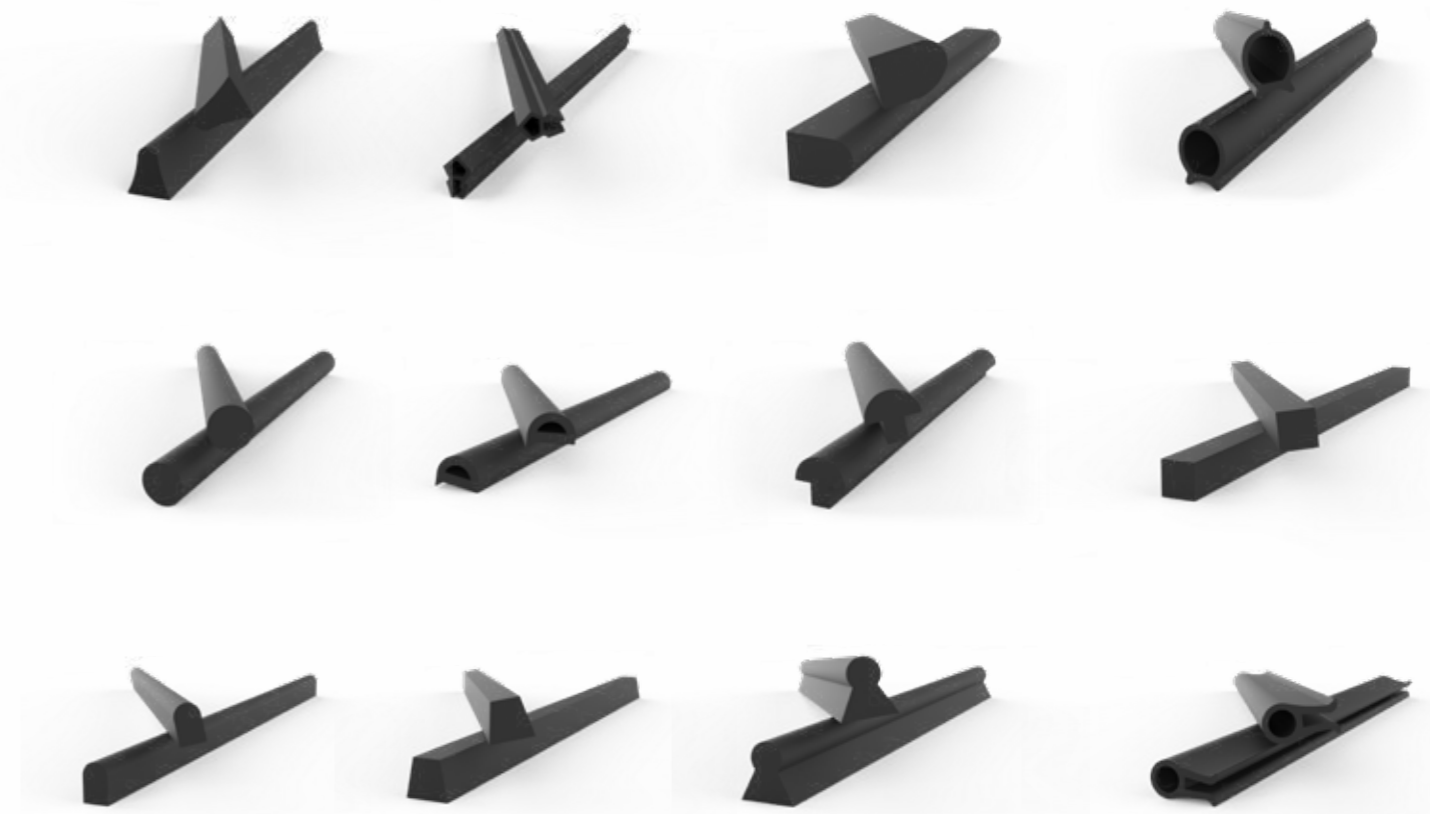
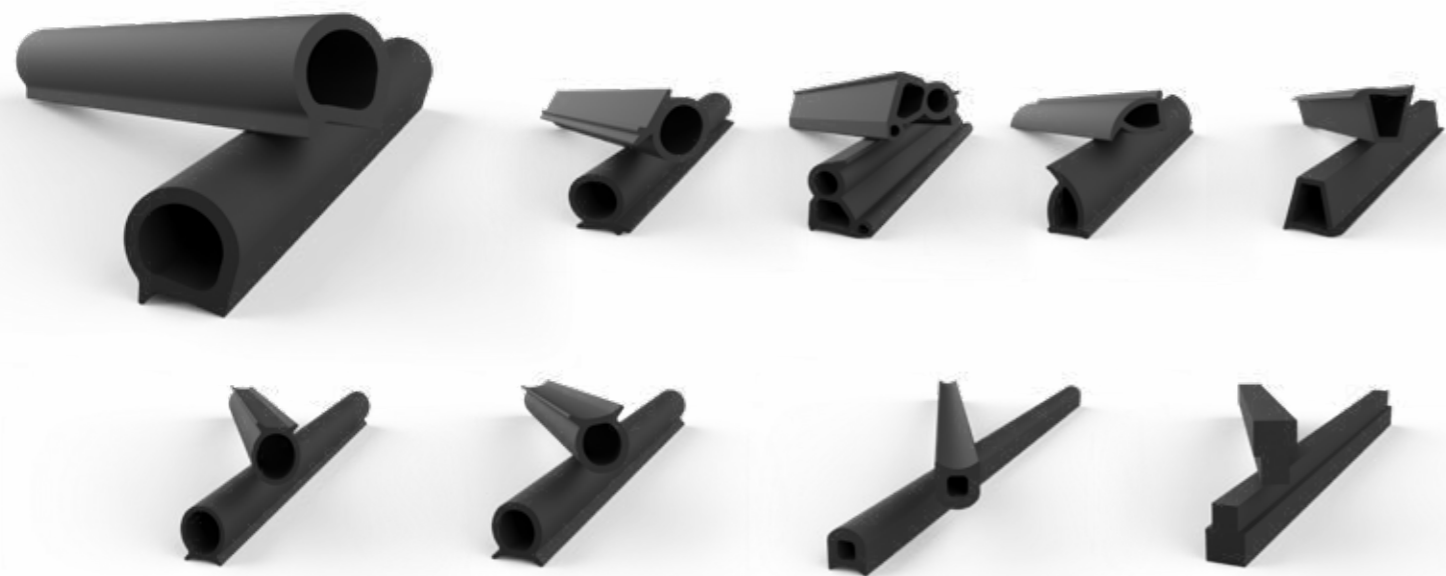
Various rubber parts used in the ship building, especially ship hatch covers, are produced by Polka Rubber.





AUTOMOTIVE INDUSTRY

The sealing profiles used in line with the rubber part and insulation needs of the automotive industry are also produced by Forta. Door, luggage, hood and glass seals are ready to be presented with high quality within this scope.

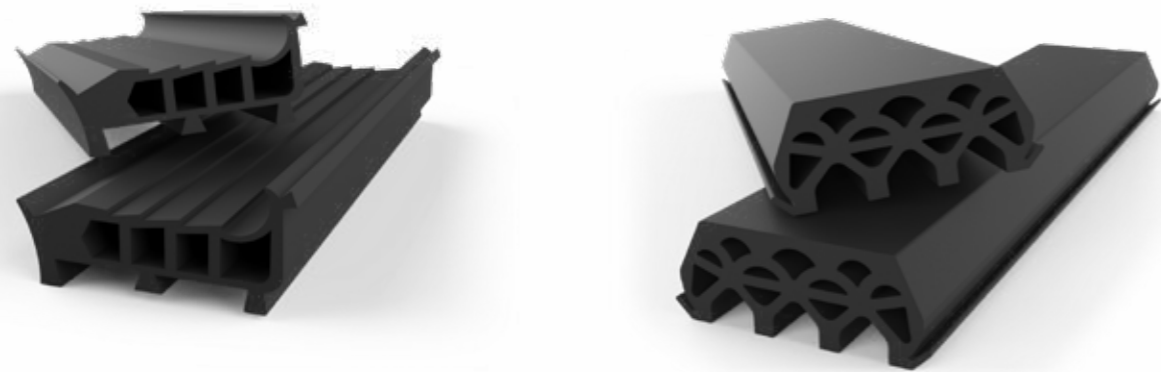




INFRASTRUCTURE GROUP

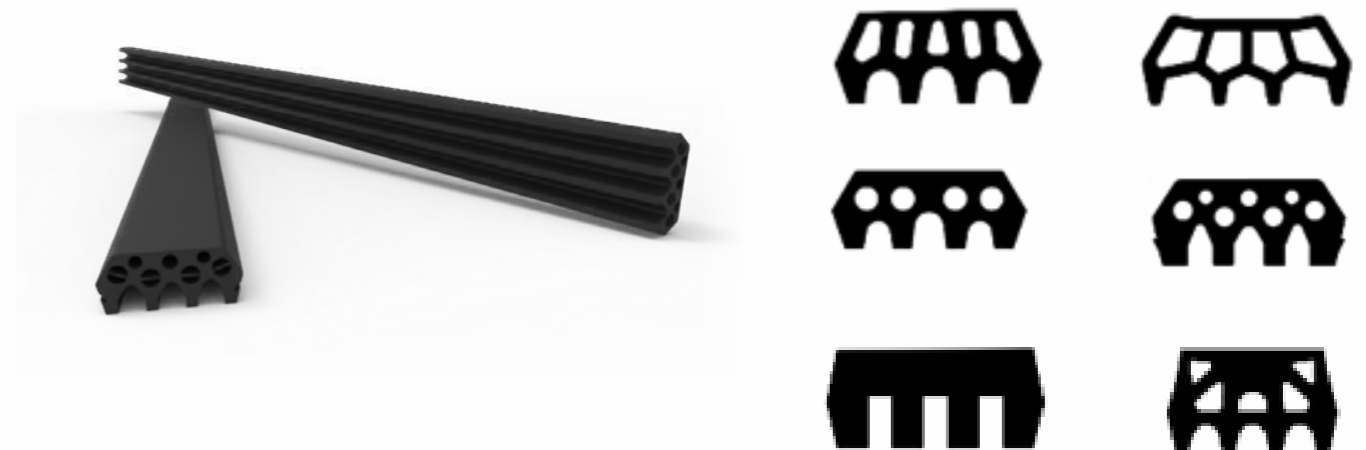
Integrated Pipe Seal

Polka Integrated Pipe Seals, manufactured to provide insulation at the joints of concrete/ reinforced concrete pipes, have high sealing properties. Polka Integrated Seals save time and labor thanks to the ease of installation.



TBM Segment Sealing Gasket

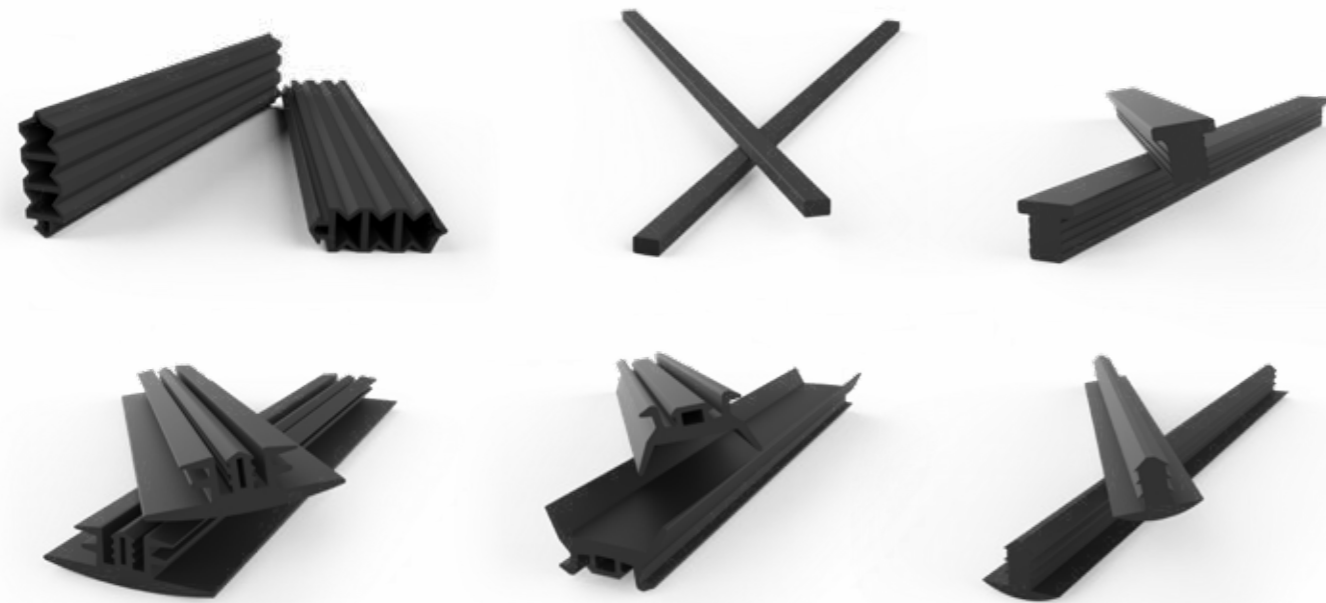
Sealing gaskets are one of the most needed products in tunnel structures. EPDM TBM Sealing Gaskets produced from elastomers are produced by extrusion method and are combined with heat welding process after being vulcanized. Gaskets are produced to be resistant to underground conditions and effects defined in the specifications.






GROUTING SEALS


The seals used in groutings act as sealing and filling in the joint. They are preferred due to their elasticity, water resistance and bending resistance properties.



DOCUMENTS



TÜRK STANDARDLARI ENSTİTÜSÜ
TÜRK STANDARDLARINA UYGUNLUK BELGESİ
TURKISH STANDARDS INSTITUTION
CERTIFICATE OF CONFORMITY TO TURKISH STANDARDS

Markanın Tanıtımı Description of the Mark
TSE  TSE


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BELGENİN SON GEÇERLİLİK TARİHİ LICENCE VALID UNTIL	01.08.2024
BELGE SAHİBİ KURULUŞUN ADI NAME OF THE LICENCE HOLDER	FORTA İNŞAAT VE SANAYİ ANONİM ŞİRKETİ
BELGE SAHİBİ KURULUŞUN ADRESİ ADDRESS OF THE LICENCE HOLDER	AYAZAĞA MAH. MİNAR SINAN SK. SEBA OFFICE/48 NO:21 D SARIYER İSTANBUL/TÜRKİYE
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ÜRETİM YERİ ADRESİ ADDRESS OF THE MANUFACTURING PLACE	VELİKÖY OSB MAHALLESİ 6. CADDE NO: 15H1 ÇERKEZKÖY / TEKİRDAĞ TEKİRDAĞ / TÜRKİYE
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İLGİLİ TÜRK STANDARDI RELATED TURKISH STANDARD	TS EN 12365-1 / 29.01.2004
BELGE KAPSAMI SCOPE OF LICENCE	

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e-İmza ile onaylandı
01.08.2023
Belgelendirme Merkez Başkanı Adına
AKDOĞAN BULUT
İSTANBUL BELGELENDİRME MÜDÜRÜ V.

"Bu belge, belgelendirme süreci, belirli yerlere sınırlanmıştır ve herhangi bir şekilde başka bir kişiye verilmemiştir."
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<https://www.belgelendirme.org.tr/belge-belgelendirme-uygurluq-uygulama-sonucunu-belgelendirme-dokuman-na-gore-bilgi-uygulama>

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DOCUMENTS

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