

SECİL

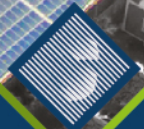
KAUÇUK



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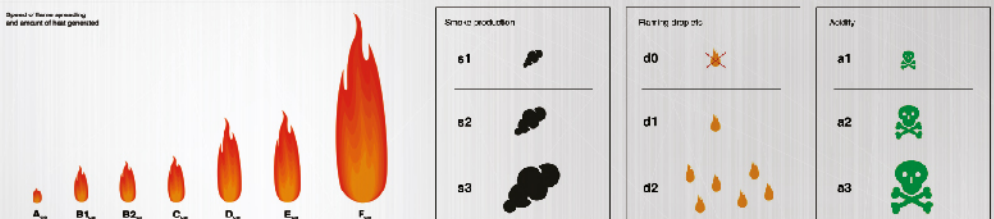
RESEARCH & DEVELOPMENT

Seçil Rubber Research and Development Plant, which has one of the most advanced R&D laboratories in the sector, was approved by the ministry (Ministry of Science, Industry and Technology) in 2017 and became an R&D Centre. In addition to our tests in our own laboratory, many international laboratories and test organizations have also approved the quality of Seçil Rubber. In order to meet the testing needs of its customers and to solve their problems, Seçil Rubber designs tests specific to its customers and their use only.

Our capabilities,

- ▶ Wide choice of materials such as EPDM, NBR, SBR, CR, Silicon, TPE,
- ▶ 30 ShoreA - 95 ShoreA wide EPDM hardness options,
- ▶ For EPDM, products and compounds that can be treated in a wide temperature range from -50°C to 140°C ,
- ▶ For silicone, products that can be treated in a wide temperature range from -50°C to 180°C ,
- ▶ Colour options in EPDM and silicone products,
- ▶ Anti-fungus products and compounds,
- ▶ Products and compounds for high current conduction or insulation,
- ▶ Peroxide or sulphur vulcanizing products and compounds,
- ▶ Vibration or anti-vibration performance products and compounds,
- ▶ Silicone compatible EPDM products and compounds,
- ▶ Products and compounds compliant with UL 94, TS EN ISO 13501-1 fire standards and special ECE R 118 fire standards.

The flammability class is determined according to the reaction of the building material against fire. As Seçil Rubber, we are able to produce products in the classes you want or in accordance with the project fire classification.



Seçil Rubber leads the sector with over 1000 approved formula and accumulated experience.

With its experienced engineer team, Seçil Rubber creates solutions for the requests of its customers by using programs such as FEA analysis, Catia, Solid Edge and AutoCAD in order to better design the sealing systems and develop existing products.

We can quickly turn your prototype designs into reality with our 3D printer.

PRODUCTION

Having production facilities established in Turkey and Belarus with a wide production range, Seçil Rubber provides services in many sectors such as construction, infrastructure, white goods, automotive, energy and industry in all processes from design to shipment.

Our capabilities,

- ▶ Salt bath, Microwave, Silicone Line, TPE production, Flock Line, Injection and Compression production, Alternative coating methods,
- ▶ Extrusion with mono, co-ex, tri-ex and many components,
- ▶ Tensile cord options,
- ▶ Production with Metal Insert,
- ▶ EPDM / TPE coating,
- ▶ EPDM / EPDM coating,
- ▶ Variable sections.



Mono



Co-Ex



Tri-ex



Sponge



Tensile Cord



Metal Insert



EPDM-EPDM



EPDM-TPE



Coated



Variable Section

In accordance with the needs of our customers, many apparel processes are included as part of our production.

- ▶ Notching process (pre-cut)
- ▶ Drilling options
- ▶ Online automatic and geometric cutting
- ▶ Corner injection
- ▶ Splicing
- ▶ Bonding
- ▶ Taping



Notching



Drilling



Corner Injection



Bonding



Taping

Just ask and we will create solutions for you with works suitable for the performance you want.

◆ | QUALITY |

Quality control activities in Seçil Rubber are carried out by expert personnel in all processes from raw material entry to product completion. It has ISO 9001, ISO 14001, ISO 27001, IATF 16949, Ford Q1 quality management system certificates.

It is regularly audited by independent organizations and customers.

Our capabilities,

- ▶ **Testing and dimensional control ability simultaneously with production (measurement control with Profile Projection),**
- ▶ First sample report (PPF report according to VDA 6.2),
- ▶ **Mass production CPK-PPK-IPK production qualification records, production reliability,**
- ▶ Possibility of testing on the product and performance measurement (Connection-disconnection tests, Density tests, Hardness measurement, Function tests, All laboratory tests),
- ▶ **Optional product-oriented control machines and template creation,**
- ▶ Product Audits (according to VDA 6.5),
- ▶ **Supplier quality audits (according to VDA 6.3) and supplier development programs,**
- ▶ Productivity analysis and measurement, Overall Equipment Effectiveness (OEE) studies,
- ▶ **Development activities with 6 Sigma projects,**
- ▶ Continuous improvement and dissemination through Kaizen, TPM studies, Autonomous and Planned maintenance activities.

