

**RESEARCH AND DEVELOPMENT**

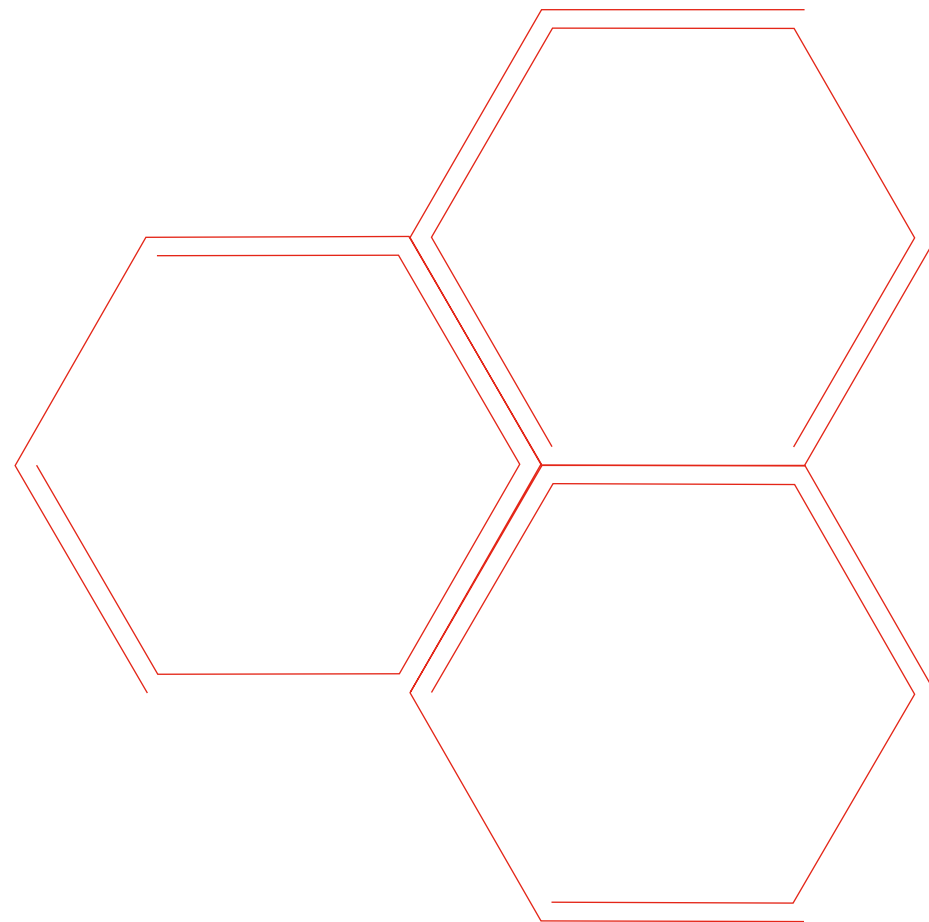
Through the development and production of elastomer blends, we have been contributing to the success of our customers for decades.

Our specialists are constantly involved in the development of new materials and processing technologies. The development of made-to-measure solutions and the efficient management of raw materials are our top priority. The development of products benefits of our internal laboratory. The most modern instruments, such as measuring and testing devices are a valid support to our research and development activities, as well as to our manufacturing process and validation and certification activities. This way we can perform a qualification of our products for various international standards.

**PRODUCTION**

We have modern production facilities for the production of black and coloured rubber compounds and profiles.

The accurate selection of our suppliers grants our clients high-quality and homogenous products. The automatic dosing system of our ingredients and the constant control of various production steps allow a total traceability of manufacturing processes and raw materials. Constant investments are performed for our production machineries, as fundamental requirement for the success of our customers.



Sealing Profiles    Rubber Sleeves    EN 45545  
**Applications**    Cutting Wires    **Special Profiles**  
 Window Profiles    Rail Vehicles    Butterfly Valves  
**Drinking Water Certificate**    Piping    FKM  
 Seals    Rubber Compounds    **Materials**  
**Rubber**    Viton    EPDM    Aflas    Customer Request  
**Experience**    FFKM    One-Stop Shop    **Advantages**  
 Know-How    Packing    Flexibility  
 Service    **Innovation**    Availability    Traceability  
 Modern Production Facility    **Competence**

**CONTACT**

Compounds AG  
Barzloostrasse 1  
CH-8330 Pfäffikon ZH

Phone: +41 44 953 34 00  
Fax: +41 44 953 34 01

www.compounds.ch  
info@compounds.ch



**YOUR RECIPE FOR SUCCESS**

SWISS MADE 

**YOUR SUCCESS CONFIRMS OUR COMPETENCE.**

Our competence is the result of more than 100 years of experience in the development and production of rubber compounds and vulcanised profiles.

Your requirements are our focus when it comes to defining new recipes, production processes and tool innovations. We are partners, not only during development stages, but we also assist you with our technical advice and support for processing and application issues. We build with our customers a partnership for mutual success.

With our wide range of certifications on DragonFlex and AquaFlex products, we set milestones in many fields of application.

Our modern energy concept set standards in the field of environmental-friendly and sustainable production.





We develop and produce our **own recipes and customized rubber compounds** in the following forms of delivery: perforated or extruded strips, Roller-Head calandered, unvulcanised foil or sheets.

## SunaFlex

a Compounds AG brand

We produce black and coloured compounds for the most various fields of application. Our many years' experience allows us to provide customized solutions. We also produce customer recipes.

### SPECIFICATIONS

- » Elastomer: based on application
- » Hardness Shore A: 30 to 95 ShA
- » Crosslinking: sulphur, peroxide
- » Processing Method: depending on the specific application
- » Application: various

\* FDA conformity available

## AquaFlex

a Compounds AG brand

We own decennial experience in the development and production of certified drinking water compounds - previously under the trade-Name SunaFlex. Our compounds are optimized as regards process engineering and are also available in roller-head-sheets in various dimensions. Our compounds are suitable for all common processing methods.

AquaFlex EPDM drinking water compounds are provided with the most important certifications and are used in a wide range of applications of sealings, fittings and industrial components.

### SPECIFICATIONS

- » Elastomer: EPDM
- » Hardness Shore A: 50 to 80 ShA
- » Crosslinking: sulphur or peroxide
- » Processing Method: extrusion, injection moulding, compression and transfer moulding cold and hot water
- » Application:

### CERTIFICATIONS

EU	EN 681-1
D	KTW D1 and D2, i.e. new UBA Elastomers Directive
D	DVGW W-270 Kat. D2
F	ACS - NF XP P 41-250-1/-2/-3
GB	WRC BS 6920
A	Ö-Norm B5014-1 D and E
USA	NSF



Drinking water is a valuable and essential asset. Therefore, it is very important to keep the **best quality** of water on its way from source to the tap.



## DragonFlex

a Compounds AG brand

We produce fire retardant compounds with outstanding mechanical properties for various fields of application. Especially in vehicle construction, our compounds enable to comply with the ruling standards.

We produce halogen-free, sulphur-cured EPDM compounds having following characteristics:

- » halogen-free
- » lowest toxicity of combustion gases
- » low density of flue gas in case of fire
- » no corrosive fire gases = functional endurance
- » no draining off burning components

### SPECIFICATIONS

- » Elastomer: halogen-free EPDM
- » Hardness Shore A: 60 to 70 ShA
- » Crosslinking: sulphur
- » Processing Method: extrusion with vulcanisation in steam, hot air with UHF, injection moulding, compression and transfer moulding

- » Application: public transport, building, fire-endangered equipment and cabinets, apparatus engineering

### CERTIFICATIONS

EU	EN 45545-2
USA	ASTM C1166 (C542)
USA	ASTM 662
USA	Bombardier SMP 800-C



Low formations of smoke, low combustibility as well as high flame resistance are **absolute prerequisites** of DragonFlex compounds.



Discontinuously-produced, steam-vulcanised profiles are another **core competence** of our company.

We have an ideal combination of compounding and production know-how. We offer our customers products from a single source from compound development to the finished profile.

With our modern plants, we are perfectly equipped for sophisticated markets that demand high quality standards and short time spans from development stage to mass production.

## SealFlex

a Compounds AG brand

### SPECIFICATIONS

- » Elastomer: depending on specific application, various rubber and FKM compounds upon wish
- » Hardness Shore A: depending on specific application, various rubber and FKM compounds upon wish
- » Crosslinking: sulphur, peroxide
- » Processing Method: discontinuous steam vulcanisation
- » Application: pipe sealing collars, dynamic high-load precision components, inflatable seals, precision round cords in a wide range of elastomers, pre-assembly of special seals and frames
- » Extruder Diameter: 30 mm to 120 mm with flat-sheet die head
- » Profile Dimension: 1.5 to 450 mm width
- » Other remarks: straight vulcanisation up to 18 linear meters length