

Industrial Product Catalog





BAŞOĞLU

Kablo ve Profil Sanayi ve Tic. A.Ş.

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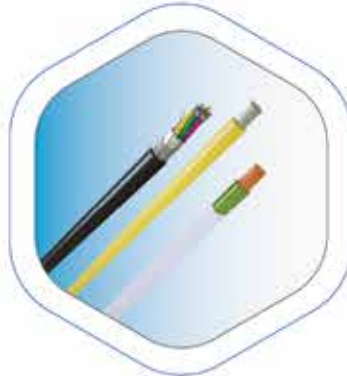
COMPANY DETAILS





PRODUCT RANGE

CABLE



CABLE
HARNESS



INDICATOR
LAMP



DEFROST
HEATER CABLE



SILICONE
COMPOUND



SILICONE
PROFILE



MOLDED
GASKET

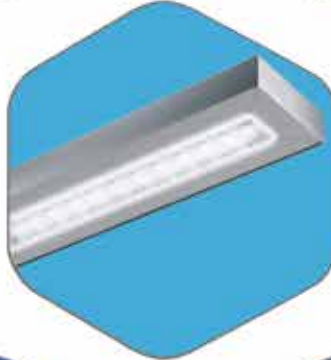


SUPPLIED INDUSTRIES

HOUSEHOLD APPLIANCES



LIGHTING



AUTOMOTIVE RAILWAY SHIP BUILDING



INDUSTRIAL



CONSTRUCTION ENERGY MINING



CABLE

Cables for: Household Appliance, Automotive and Lighting Industries

Cable Type	Technical Specifications				Certificates			
	Working Temperature	Halogen Free	Fire Resistance	Flame Retardance	HAR TSE	UL	VDE	GOST
Silicone & Fiberglass Braided Silicone	-60 °C ...+350 °C	✓	✓	✓	✓	✓	✓	✓
PVC	-20 °C ...+105 °C			✓	✓	✓		✓
HFFR	-20 °C ...+105 °C	✓	✓	✓	✓	✓	✓	✓
XLPE/XLPO	-40 °C ...+155 °C	✓	✓	✓	✓	✓		✓



TESTING

Electrical Tests / Mechanical & Ageing Tests / Fire Resistance Tests

Other Cable Types

Ignition Cables Automotive Cables Weak Current Data Cables Rubber Cables	Heating Cables Battery Cables Fire Alarm Cables Solar Cables	Flat Cables 0,6/1 kV Power Cables Cables for Mining, Iron & Steel and Glass Industry 34,5 kV Medium Voltage Cables
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Testings and Characteristics of Cables

Mechanical & Electrical Properties

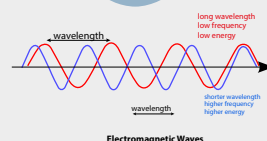
Copper Structure
EN 60228 & AWG
EN 13602



Electrical Testing
IEC 60885



EMC Compatible



Mechanical tests
VDE 207 & VDE 472
EN 60811-1 EN 50525
EN 50396 EN 50363



HFFR EN 50267
Acid & Alkali Resistant
EN 60811-2-1



UV Radiation &
Ozone Resistant
EN50396
UL 1581 & ISO 4892-2



Water Resistant



Fire Behaviour

Flame Retardant
EN 60332-3 UL VW-1 FT1



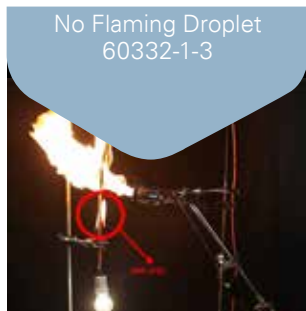
Fire Resistant
EN 50200 & EN 50362
PH 15...120



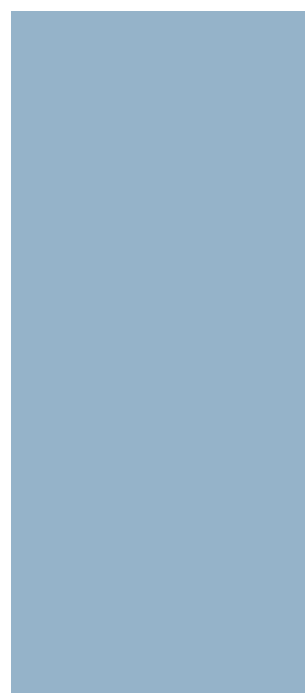
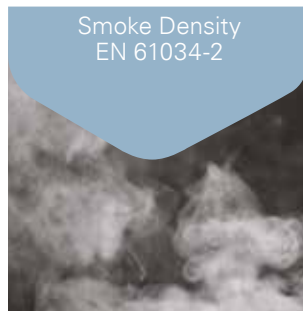
Circuit Integrity
IEC 60331-21
FE 180 & BS 6387
CWZ



No Flaming Droplet
60332-1-3



Smoke Density
EN 61034-2



CABLE HARNESS



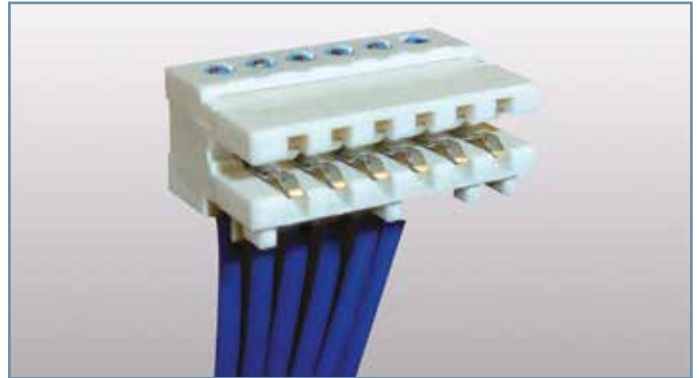
CABLE HARNESS

Properties

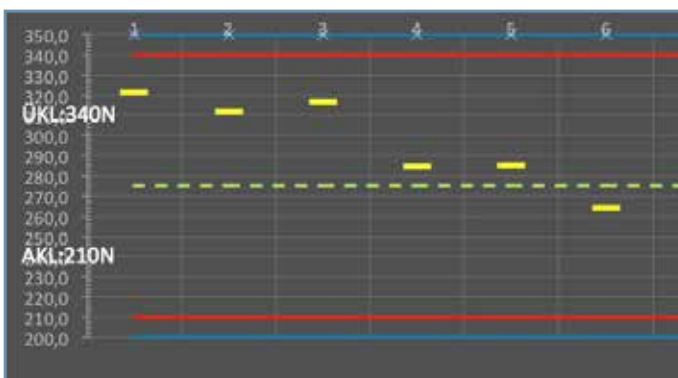
Full Automatic Equipment



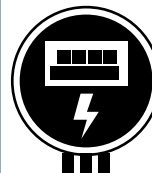
IDC Connectors Rast 2.5 & Rast 5 & Pin Header



X-RAY Crimp Control



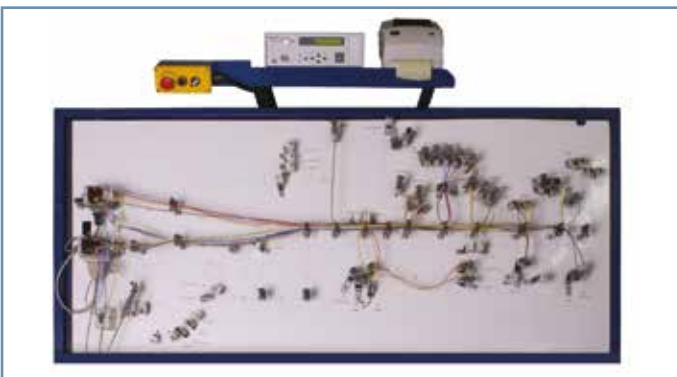
100% Electrical Test & Barcoding



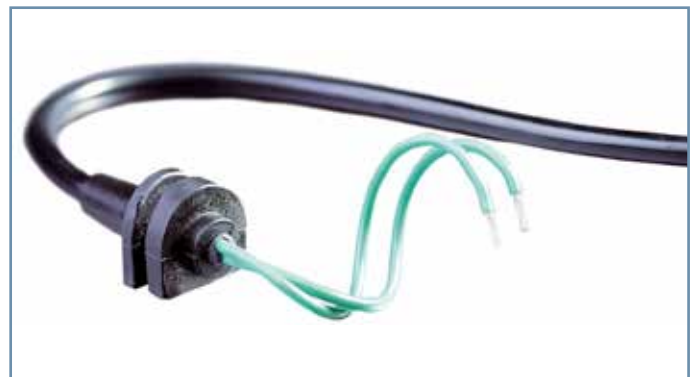
06/02/2015 * 14727 * 3 PCS *
630 102680099 * 9000536560
Wire Harness * * 14727



Board Assembly



Hot Melt



INDICATOR LAMP

Properties

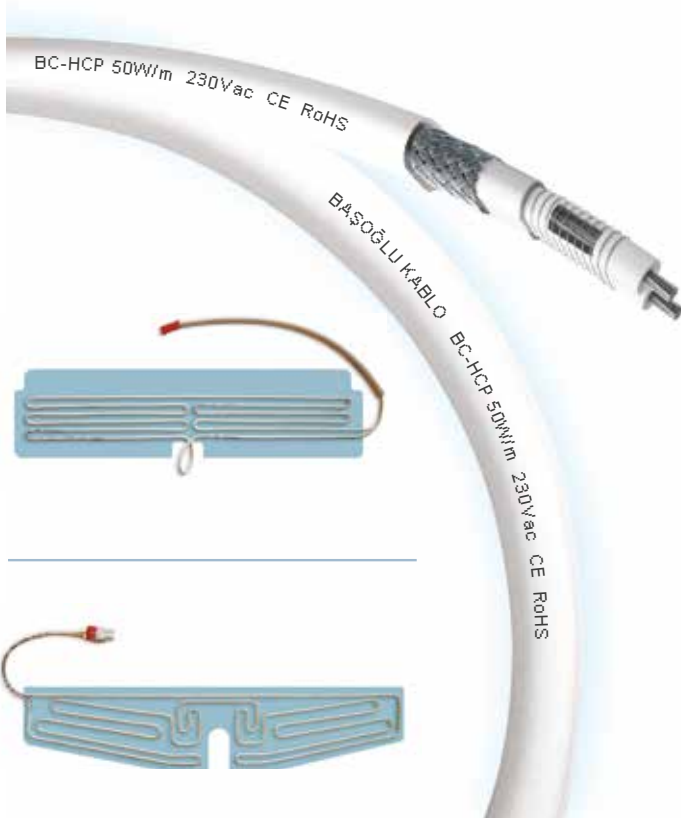
- Indicator lamp for home appliances and electrical devices.
- Custom design neon lamps are produced in various models.
- Signal lamp, thermoplastic components and wires used in harnessing complies with VDE standards.
- Life Time: 25.000 hour
- Indicator lamp: T90 °C - T120 °C - T150 °C



DEFROST HEATER CABLE

Properties

- Heating Element: Chromium, Nickel and Copper Alloy
- Waterproof
- PVC Sheating -20 °C up to 105 °C
- Silicone Sheating -60 °C up to 200 °C
- Different Wattages
- Hot and Cold Zones
- Assembly; Aluminum Foil With Adhesive Surface and Thermowelding of Heating Cable



SILICONE COMPOUND

Raw Material

VMQ,FVMQ

All forms of HTV/HCR Silicone Rubber and Sponge



Compounding

Compounding silicone rubber recipes to offer high-quality and reliable service.



Machinery

Fully automatic closed-circuit kneaders
Two roll mill mixers



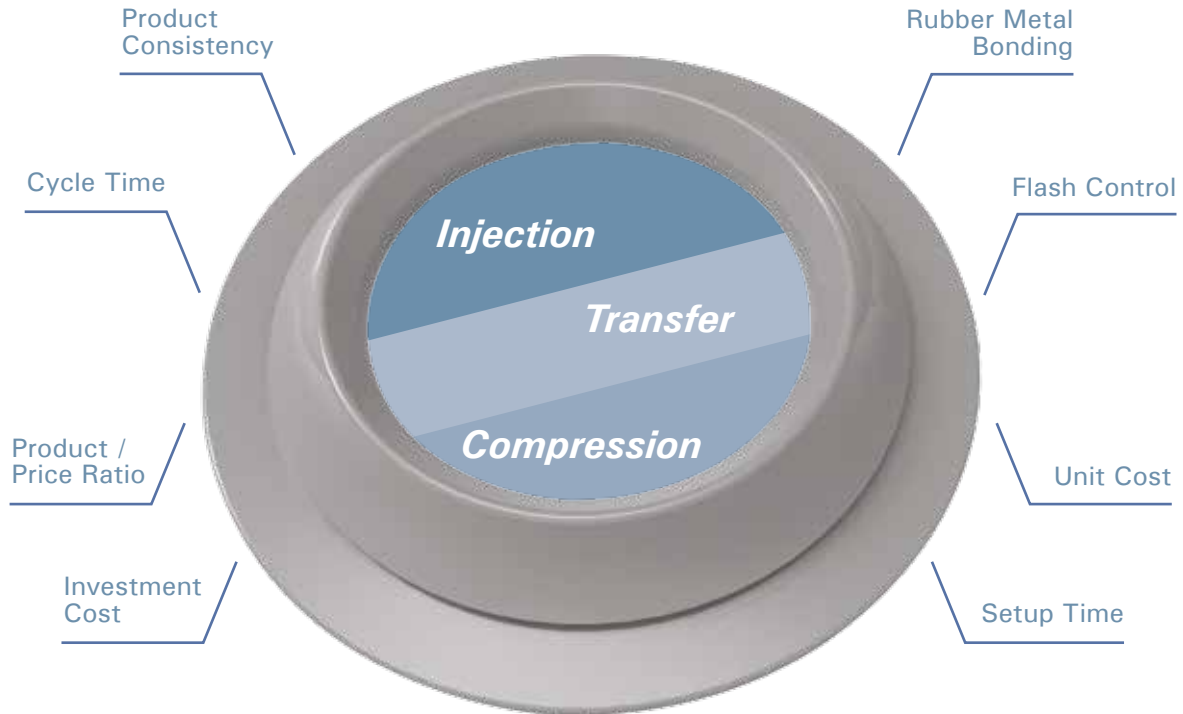


INTERNATIONAL TEST STANDARDS

Standard Definition	DIN	ISO	ASTM
Hardness, IRHD	DIN 53519 T2	ISO 48 M	ASTM D 1415
Hardness, Shore A	DIN 53505	ISO 868	ASTM D 2240
Density	DIN 53479	ISO 2781	ASTM D 1817
Tensile Strength	DIN 53504	ISO 37	ASTM D 412
Tear Resistance	DIN 53515	ISO 34-1	ASTM D 624
Elongation at Break	DIN 53504	ISO 37	ASTM D 412
Compression Set	DIN 53517	ISO 815	ASTM D 395 B
Aging Test	DIN 53508	ISO 188	ASTM D 573
Ozone Resistance	DIN 53509	ISO 1431	ASTM D 1149

MOLDED GASKET

Methods



TECHNICAL DETAILS	
Operating Temperature	-60 °C to + 300 °C
Hardness	10 to 80 Shore A
Color	Transparent - Translucent and any RAL or Pantone code
Raw Material	VMQ All forms of silicone rubber and sponge (HTV/HCR, RTV, LSR)
	Fluorosilicones
	Electrically Conductive Silicones
	EPDM, NR, NBR, HNBR, SBR
	ACM, AEM, FKM (VITON)
	POM, TPE, PA66, Thermoset and Thermoplastic



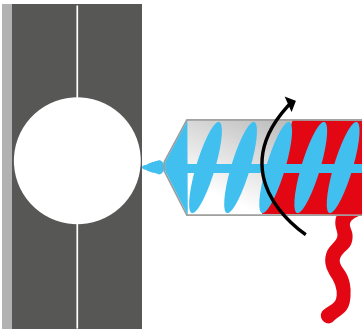
MOLDED GASKET

Injection Molding

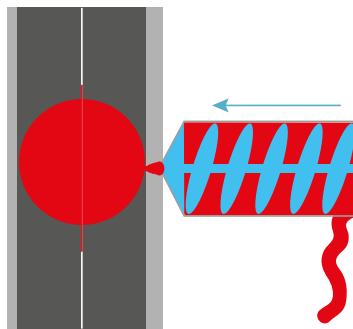
Properties of Injection Molding

Economical process for high volume and precision parts	Expensive mold investment
Lower unit cost and fastest cycle time	Long setup time & larger MOQ preferred
Maximum product consistency	Not suitable for all parts
Most flash control	Low material waste in each cycle

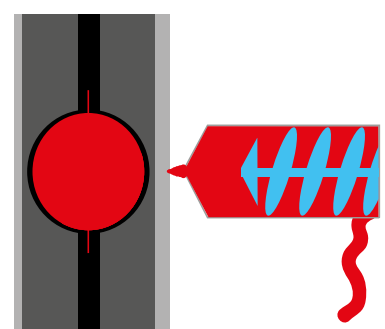
Step 1



Step 2



Step 3



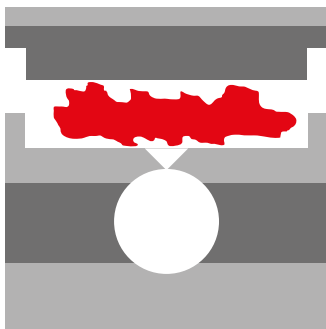
MOLDED GASKET

Transfer Molding

Properties of Transfer Molding

Economical process for medium precision parts	Average mold investment
High cavity count and optimum price-product ratio	Short setup time
Convenient for rubber-metal bonding parts	Average cycle time, MOQ request and product consistency

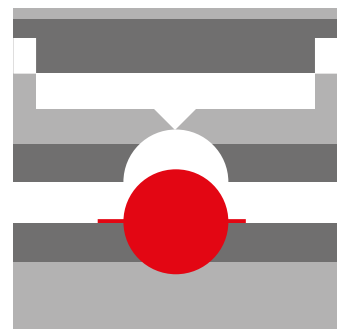
Step 1



Step 2



Step 3



MOLDED GASKET

Compression Molding

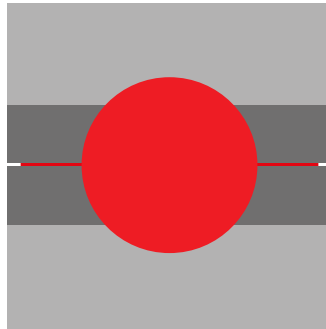
Properties of Compression Molding

Economic for small quantities	Labor intensive process, high cycle time
Low mold investment	Unsuitable for complex design
Benefits for high hardness and large parts	Least product consistency
Avoids flow problems	Difficult to control flash

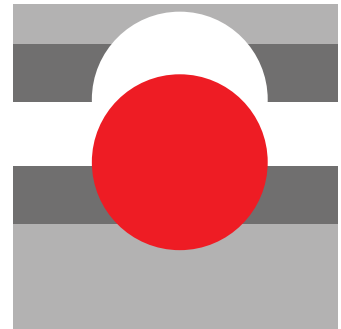
Step 1



Step 2



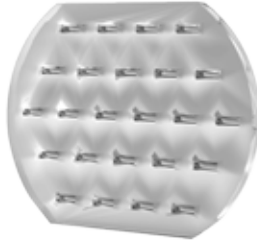
Step 3



MOLDED GASKET

Product Overview

LSR Liquid Silicone Rubber



Electrically Conductive Silicone Buttons



Knob Gaskets & Grommets



Stoppers



MOLDED GASKET

Product Overview

Flue Liner Seals for Chimney EN 14241-1



Silicone Hoses



Molded Parts

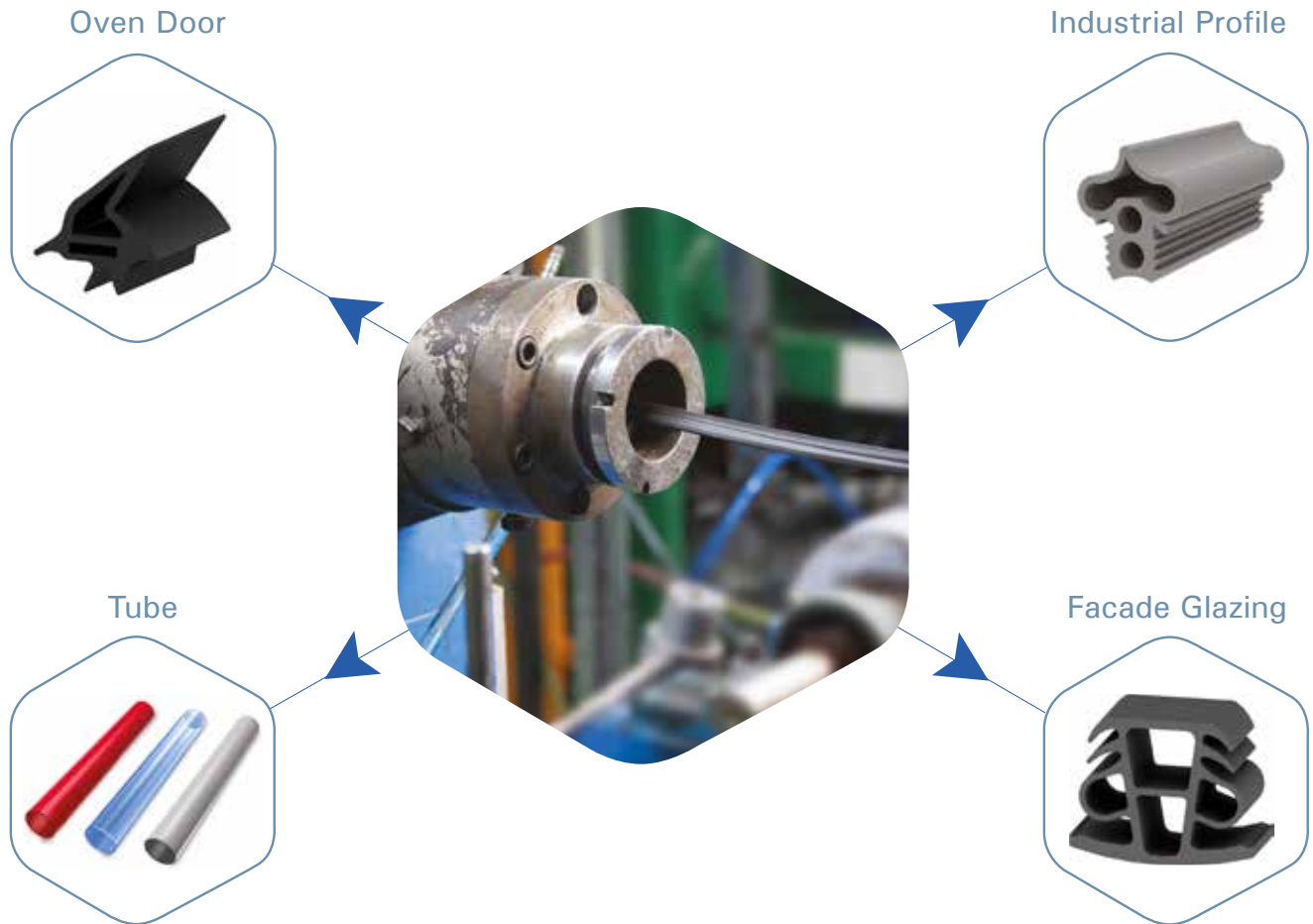


TPE Thermoplastic Elastomer Injection



SILICONE PROFILE

Extrusion



TECHNICAL DETAILS	
Operating Temperature	-60 °C to + 300 °C
Hardness	10 to 80 Shore A
Color	Transparent - Translucent and any RAL or Pantone code
Raw Material	Silicone Rubber HTV, Sponge
Properties	V0, Glow Wire Resistant, Fire Resistant, Flame Retardant, Low Smoke Density
	Steam Resistant, Oil & Chemical Resistant
	Odorless, Tasteless, Non-migrating
	Low Compression Set



SILICONE PROFILE

Oven Door Gasket

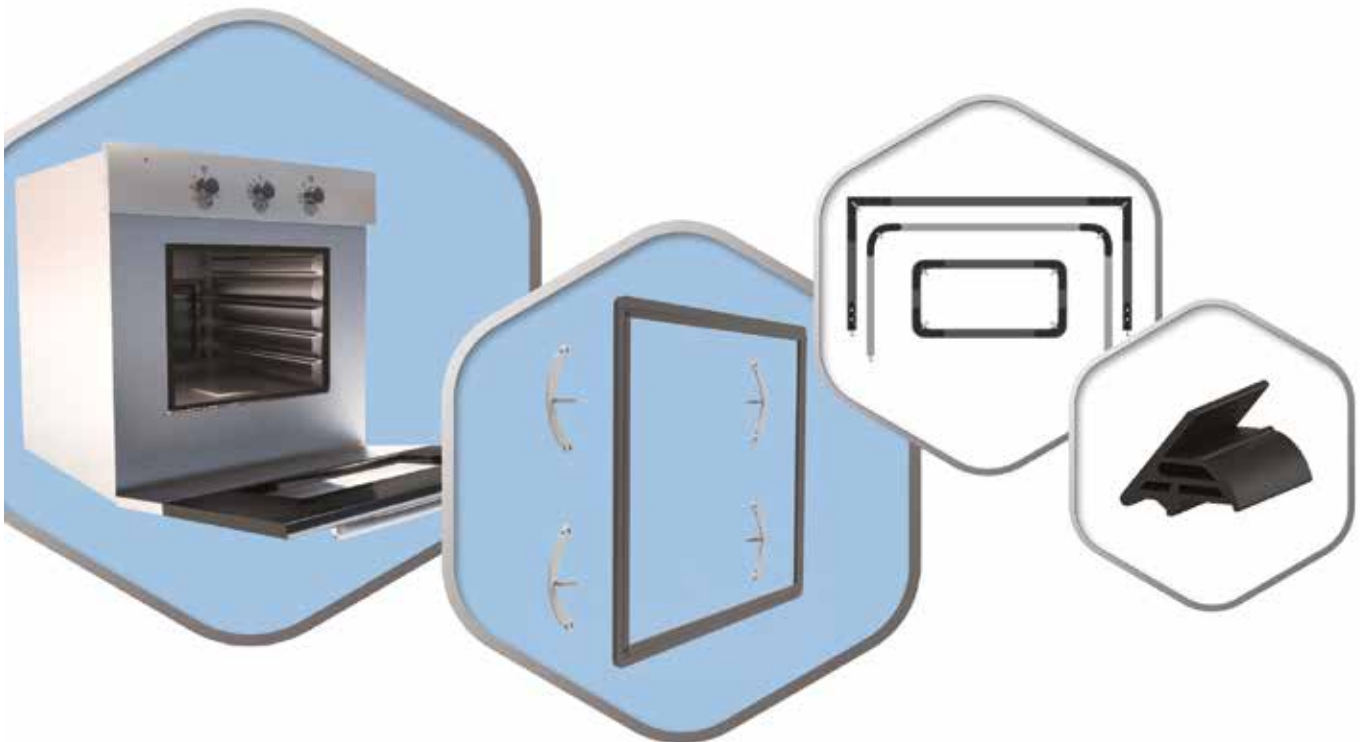
Properties

- Clip & Hook Design
- Junction Welding
- Food Contact FDA, Bfr, Bfa
- High Temperature Resistant (300 °C)
- Steam, Oil, Chemical-Solvent Resistant

Product Overview



Assembling / Welding



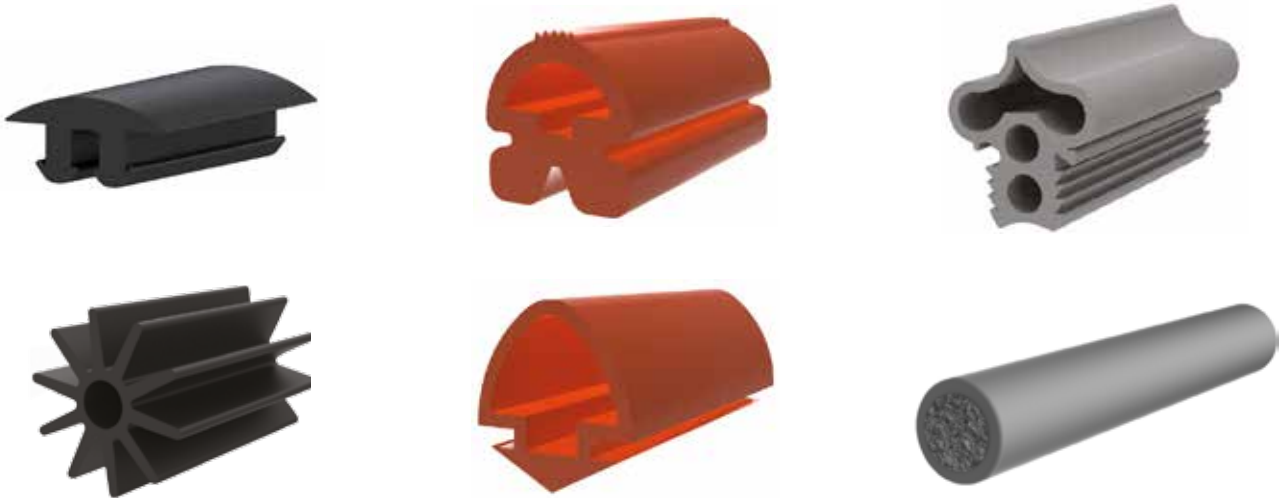
SILICONE PROFILE

Industrial Profile

Properties

- EN 45545 & DIN 5510 Approved Railway Profiles
- Profiles for Lighting, Household, HVAC and Automotive Industries

Product Overview



Assembling / Welding and Frame Vulcanisation



SILICONE PROFILE

Facade Glazing

Properties

- Produced According to DIN 7863-1 & DIN 7863-2 & ASTM
- High UV and Ozone Resistant
- Wide Working Temperature (-60 +180... 300 °C)
- Excellent Dust, Water, Sound and Thermal Isolation
- Aesthetic Appearance, with any Desired Color
- Unfading, Fire Resistant, Halogen Free

Product Overview



Assembling / Welding and Frame Vulcanisation



Tube, Hose & Sleeving

Reference standards
EN 60684-3-121 . . . 124
DIN 4768 Teil-1 & FDA

PVC
Tube

System Certificates



**TSE ISO
9001:2008**



**ABS ISO
9001:2008**

Product Certificates



UL



cUL



VDE



TÜV CERT



HAR



TSE



TSEK



LPCB



**BS 6387 CZW
FE 180/PH 120**



BSI



GOST



UKRSEPRO

Declarations



FDA



ROHS



REACH



**HALOGEN
FREE**



CE

