



## Trelleborg Sealing Profiles

Solutions that Seal, Damp and Protect

# Innovation

you can count on

## Experienced Innovators

Trelleborg has a reliable track record of finding innovative ways to seal damp and protect. Using advanced technologies and materials in new ways has always been our speciality. Working closely together with clients across almost every business sector, we have provided successful results for everything from small spliced seals to silicone window gaskets for North America's highest skyscraper.

## Global and local

We have teams around the globe with expertise in specific sectors. But wherever they are, they are instantly available to you. Our network means you can find the talent, innovation and experience to customize solutions to your exact needs in your local market.

## Together

When you partner with Trelleborg, all you need is a sealing problem. Our engineers will work closely with you to develop the exact specification for your individual situation. We can test the functionality already at the idea stage. To simulate performance and feasibility will give you the answers that save time and money in the development process.



## Welcome to the world of Trelleborg!

# Elastomers or rubbers

## Elastomers (rubber)

Elastomers are cross-linked (vulcanised) rubbers with rubber-elastic properties.

The properties of elastomers primarily result from the basic features of the cross-linked rubbers. By adding active fillers such as carbon dust and silicic acid, plasticisers, anti-aging agents, activators, processing agents, accelerators and cross-linking agents, the property profile of elastomers can be adapted to the relevant application.

In applications for windows, doors and facades, elastomers based on EPDM (ethylene propylene diene monomer) rubbers are used most frequently.

These materials are distinguished by very good elastic recovery and good resistance to environmental influences (ultraviolet and ozone degradation and diverse chemicals). EPDM can be used in temperatures ranging from -40 (short-term) to +150° C.

In particular, an attractive price-performance ratio makes these materials suitable for varied applications. Materials of hardness grades in the range from 50° to 90° Shore, foamed in different densities, as well as for highly diverse special applications (fire safety, special material compatibilities..) are available.



## EPDM

The right choice of material is crucial for the application:

	EPDM standard compounds	EPDM fire safety compounds	EPDM bright compounds	EPDM cellular rubber compounds	Diverse special compounds
Shore hardness A	50 - 90° Shore	70° and 60° Shore	60° and 70° Shore	Density 0.5 - 0.7	60°, 70° and 80° Shore
Colours	black	black	sliver grey light grey pure white papyrus white	black	black
Special properties	standard qualities as per DIN 7863	for fire safety requirements etc. as per DIN 4102 as per DIN 5510	coloured alternative to the standard in black	closed-cell foamed EPDM optimised thermal conduction resistance	AGV-compatible (Plexiglas-compatible) qualities that can be cut for seal preliminary drawing-in with increased tear propagation resistance for corner circumferential use Degassing-reduced materials for use in solar collectors etc.
Preferred Application fields	windows, facades, doors, gates	rail vehicles fire safety elements	windows, doors and gates	extra thermally insulated window and facade systems, corner circumferential sealing systems	Glazing with synthetic glass solar collectors Contact areas with adhesive and sealing compounds of automated seal drawing-in

A material data sheet with the physical properties is available for each compound

# Materials

## Key to materials

Property	Natural rubber/SBR					EPDM					Cloroprene					TPE					Silicone				
	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
Resistance to wear				•	•				•					•					•					•	
Compression set			•	•				•	•				•					•							•
Resistance to cold				•	•					•			•						•						•
Resistance to oxidation		•	•							•				•					•						•
Resistance to weather	•	•								•				•					•						•
Resistance to ozone	•	•								•				•					•						•
Resistance to fire	•					•	•							•		•						•			
Thermal ageing			•							•				•				•						•	
Resistance to oils and petrol	•					•							•			•						•			
Hardness °IRH	40–80					40–90					50–80					40–90					50–80				
Strength, max. MPa	20					10					15					5-10					7,5				
Max. temp. 6 v. °C	+ 70°C					+ 100°C					+ 90°C					+ 100°C					+ 200°C				
Resistance to cold °C	– 50°C					– 55°C					– 40°C					– 50°C					– 90°C				

Rating: 1 Poor 2 Reasonable 3 Good 4 Very good 5 Excellent

Some of the materials we use in the manufacture of sealing profiles are natural rubber/SBR, EPDM, Chloroprene, TPE, AEM, NBR, HNBR, NBR/PVC, ECO, FPM and Silicone.

In order to select the right material for each application we recommend that you start by looking at the basic properties of the

materials shown in the table.

There is a considerable number of ways to adapt the properties of the selected material to suit more specific requirements.

# Frame strips

self-adhesive

## Frame strips

Self-adhesive frame and casement strips made of EPDM cellular rubber.  
P strip, D strip and K strip



Product no.	Width x Height mm	Gap size	Colour	Length m on bobin	Bobins in box M/box	Boxes on pallet M/pallet
44056891	9,0 x 5,5	3-5	Brown	2 x 50	600	9 600
44056871	9,0 x 5,5	3-5	White	2 x 50	600	9 600
44062124	9,0 x 5,5	3-5	White	100	600	6 000
44056926	9,0 x 5,5	3-5	Black	100	600	6 000


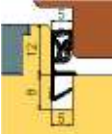









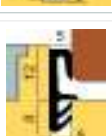



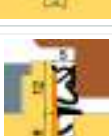










Product no.	Width x Height mm	Gap size	Colour	Length m on bobin	Bobins in box M/box	Boxes on pallet M/pallet
444092200	8 x 6	3-5	Black	2 x 50	600	12 000
444093300	8 x 8	4-7	Black	2 x 50	600	4 800
44067710	12 x 8	4-7	Black	100	400	6 400
444057905	12 x 10	4-8,5	Black	75	300	4 800
44077450	14 x 12	5-10	Black	75	300	4 800
444076200	21 x 17	8-15	Black	50	50	3 200



Product no.	Width x Height mm	Gap size	Colour	Length m on bobin	Bobins in box M/box	Boxes on pallet M/pallet
44057012	9 x 4	2-3,5	Brown	2 x 50	600	9 600
44057032	9 x 4	2-3,5	White	2 x 50	600	9 600

# Flügelalzdichtungen (bis Falzhöhe 12 mm)

<b>Flügelalzdichtung</b>					Farbe		Verpackung/Inhalt
Falzhöhe:	12 mm	Material			Profil-Nr.	schwarz weiß rustikal-braun	grau beige dunkelgrau
Nutbreite:	5 mm	TSP-FOAM (W)	D3550				
Anschlagluft:	5 mm						
<b>Flügelalzdichtung</b>					Farbe		Verpackung/Inhalt
Falzhöhe:	12 mm	Material			Profil-Nr.	schwarz weiß rustikal-braun	grau
Nutbreite:	4-5 mm	TSP-LAN (W)	K5286				
Anschlagluft:	5 mm						
<b>Flügelalzdichtung neu</b>					Farbe		Verpackung/Inhalt
Falzhöhe:	12 mm	Material			Profil-Nr.	schwarz weiß rustikal-braun	grau
Nutbreite:	4-5 mm	TSP-LAN (W)	K5586				
Anschlagluft:	5 mm						
<b>Flügelalzdichtung</b>					Farbe		Verpackung/Inhalt
Falzhöhe:	12 mm	Material			Profil-Nr.	schwarz weiß braun	beige
Nutbreite:	5 mm	EPDM(W)	CS125				
Anschlagluft:	5 mm						
<b>Flügelalzdichtung</b>					Farbe		Verpackung/Inhalt
Falzhöhe:	12 mm	Material			Profil-Nr.	schwarz weiß	
Nutbreite:	5 mm	EPDM(W)	CS126				
Anschlagluft:	5-8 mm						
<b>Flügelalzdichtung</b>					Farbe		Verpackung/Inhalt
Falzhöhe:	12 mm	Material			Profil-Nr.	schwarz weiß rustikal-braun	beige
Nutbreite:	5 mm	TSP-LAN (W)	L7550				
Anschlagluft:	5 mm						
<b>Flügelalzdichtung</b>					Farbe		Verpackung/Inhalt
Falzhöhe:	12 mm	Material			Profil-Nr.	schwarz weiß rustikal-braun	grau beige lichtgrau
Nutbreite:	5 mm	TSP-LAN (W)	L5150				
Anschlagluft:	5 mm						
<b>Flügelalzdichtung</b>					Farbe		Verpackung/Inhalt
Falzhöhe:	12 mm	Material			Profil-Nr.	schwarz weiß rustikal-braun	dunkelgrau grau beige lichtgrau
Nutbreite:	5 mm	TSP-LAN (W)	L6050				
Anschlagluft:	5 mm						
<b>Flügelalzdichtung</b>					Farbe		Verpackung/Inhalt
Falzhöhe:	12 mm	Material			Profil-Nr.	schwarz weiß rustikal-braun	lichtrau grau
Nutbreite:	5 mm	TSP-LAN (W)	L5009				
Anschlagluft:	5-8 mm						
<b>Flügelalzdichtung neu</b>					Farbe		Verpackung/Inhalt
Falzhöhe:	12 mm	Material			Profil-Nr.	schwarz weiß beige	lichtgrau
Nutbreite:	4-5 mm	TSP-FOAM (W)	R1258				
Anschlagluft:	8 mm						
<b>Flügelalzdichtung, teildurchlässig</b>					Farbe		Verpackung/Inhalt
Falzhöhe:	12 mm	Material			Profil-Nr.	schwarz weiß	
Nutbreite:	5 mm	TSP-LAN (W)	L7150				
Anschlagluft:	5 mm						
<b>Flügelalzdichtung</b>					Farbe		Verpackung/Inhalt
Falzhöhe:	12 mm	Material			Profil-Nr.	schwarz weiß rustikal-braun	braun beige
Nutbreite:	5 mm	TSP-FLEX (K)	L3011				
Anschlagluft:	5-8 mm						

2 (W) = für Wasserlacke und konventionelle Lacke geeignet.  
(K) = nur für konventionelle Lacke geeignet.

Weitere Informationen zu Farben siehe Seite 21

## Industrijski samolepljivi dihtunzi

Profil	Šifra	Dimenzije / Naziv	Materijal	Pakovanje m <sup>1</sup>
	400	9x4mm crna Crown	EPDM	125
	402	8x2mm crna Cellband	EPDM	200
	403	8x8 mm crna D strip	EPDM	100
	405	12x8 mm crna D strip	EPDM	100
	404	18x2mm crna Cellband	EPDM	100
	406	10x6mm crna Cello-list	EPDM	100
	408	14x12mm crna D strip	EPDM	50
	410	21x17mm crna D strip	EPDM	50
	412	8x3 mm crna Crown	EPDM	150
	414	10x4mm crna Crown	EPDM	125
	416	10x5 mm crna Crown	EPDM	100
	418	15x4mm crna Crown	EPDM	100
	420	15x8mm crna Crown	EPDM	50
	422	20x4mm crna Crown	EPDM	50
	426	D Trelleborg 12x10 mm crna	EPDM	50
	430	D Trelleborg 14x12 mm crna	EPDM	40
	434	D Trelleborg 21x17 mm crna	EPDM	50
	424	D Trelleborg 12x10 mm bela	EPDM	50
	428	D Trelleborg 14x12 mm bela	EPDM	40
	361	VD 607 – 17x3 mm braon	EPDM	100