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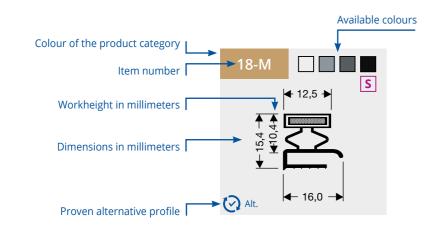
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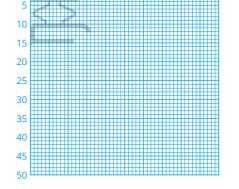
Instructions for using the illustrations



Place a profile cross-section in the upper left corner and take a picture. Send the picture via WhatsApp, email or upload via the website.



All profile drawings in the catalog are shown on the scale 1:1.

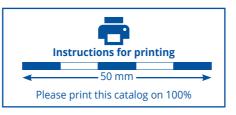


mm 5 10 15 20 25 30 35 40 45 50

White Black

Extended Life Seal Profile available (page 40)

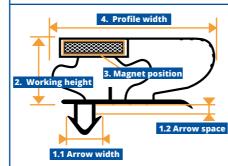
Extended Life Seal Profile available (page 36)



Compare the points below when searching for an (alternative) profile.



Scan the QR code and read the full instruction on our website.



About us





Since the start, in the early '70s, DSU has grown to become a company specialising in the manufacturing of bespoke refrigerator and freezer seals for commercial refrigeration equipment.

With our products we serve commercial refrigeration and kitchen maintenance companies. We also deliver our (magnetic) seals to refrigeration equipment manufacturers and spare parts dealers.

Always a suitable solution

"Always a suitable solution" that is our goal. With over 220 different seal profiles available from stock. DSU is the leading manufacturer of bespoke refrigerator and freezer seals on the European market.

Are you unable to find the profile you are searching for or do you have any doubt about the matching profile? Send us a photograph of the cross section via email or WhatsApp. We are glad to help you find the right profile or a suitable alternative.

Search by brand

An overview with the seal profiles used by brand you can find on our website.

Fast delivery

We have our own in-house manufacturing department. This enables us to manufacture bespoke seals quickly. Our regular lead-time is 2 – 4 working days.

Express orders are shipped the same day if received before noon (CET). Express orders are subject to a surcharge with a maximum of 10 seals per order.

Quality

Competent employees manufacture bespoke seals with utmost care and precision so they will fit perfectly in the door or drawer.

We exclusively utilise materials from approved suppliers. The chance of a manufacturing defect is reduced to an absolute minimum through our quality assurance system.

Serial production

Large numbers of seals (50+) with similar dimensions can be mass produced at attractive prices. Contact our sales department with your inquiry.

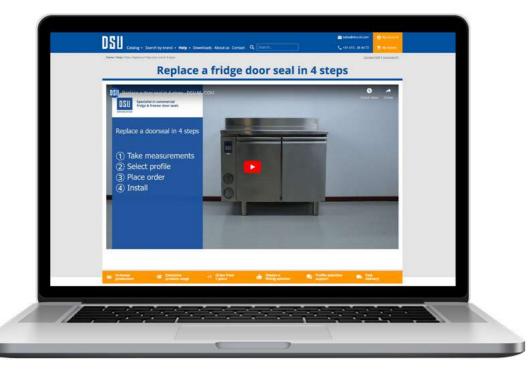
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Page 2

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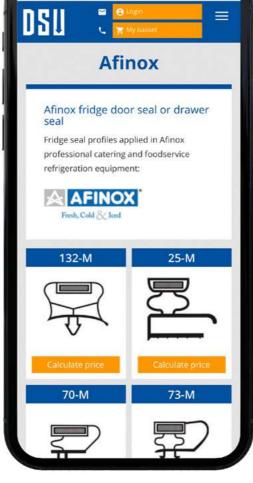
January 2026





Watch the instructional videos on our website

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Profiles overview by brand

Replace a seal in four steps

- 1 Take measurements
- 2 Profile selection
- ③ Order
- (4) Installation



See instructional videos on our website under "help" or scan the QR code

1 Take measurements

Taking correct measurements is important when ordering made-to-measure door seals. There are three methods to determine the seal measurements.

- A size (Outside-to-Outside)
- B size (Magnet-to-Magnet)
- C size (Dart-to-Dart)

A size

The outside-to-outside measurements (A size) are most commonly used to determine the fridge seal dimensions (width x height). A size example, see page 25. We advise to take outside-to-outside measurements while the seal is still fitted in the door or drawer.

The A size can be applied for any type of fridge seal.

B size

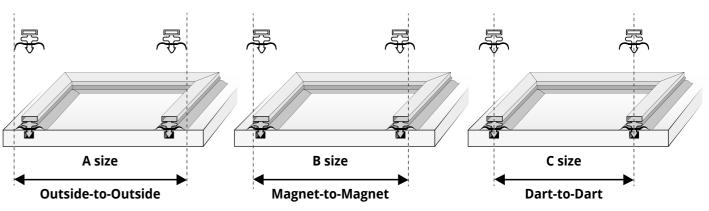
Magnet-to-Magnet (B size) is measured from outside of the seal magnet to outside of the seal magnet on the opposite side.

This method is not commonly used.

C size

For push-in (dart type) profiles we advise to take the dart-to-dart (C size) measurements. C size example, see page 23. This is commonly referred to as the centreline measurements. In practice this means you measure inside the door or drawer from the inside edge of the slot on one side to the outside edge of the slot on the other side.

This is the preferred method because it gives the most precise measurements.

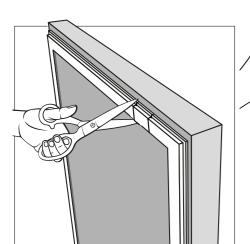


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2 Profile selection

Identify the seal profile with the fridge seal cross-section. You can see the cross-section by cutting the seal at the top side using scissors or a craft knife.

If you know the equipment brand you can find all the profiles used by brand on our website. Brand not known? Compare the cross-section with the drawings (scale 1:1) in our catalogue or use our professional sample case.





Professional sample case

We have compiled a professional sample case for engineers. The sample case contains over 100 of the most commonly used seal / gasket profiles. This sample kit can be ordered on our webportal.

Are you unable to find the profile you are searching for? Or do you have any doubt about the matching profile? Send us a photograph

(+31 6 30 50 3000), email or through our website www.dsu-nl.com. We are glad to help you find the right profile or a suitable alternative.

It is also possible to send a cross-section of the seal by post along with our order form. The order form can be found on our website.

www.dsu-nl.com/en-EU/downloads

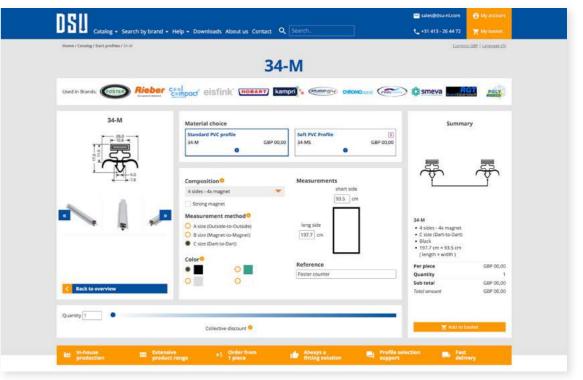
of the cross-section via WhatsApp



3 Order

Use our online seal configurator for the easy composition of a bespoke fridge seal.

- Website www.dsu-nl.com
- E-mail sales@dsu-nl.com
- Mail Neutronenlaan 1, 5405 NG Uden, The Netherlands
- Phone +31 413 264 472



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(4) Installation

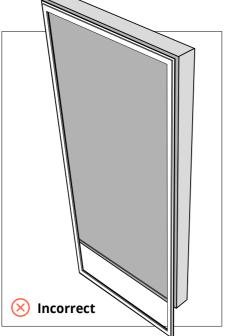
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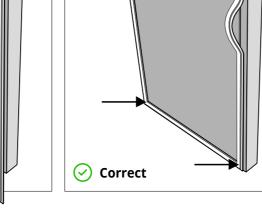
Before installation

- Take the seal from the box upon receipt.
- Always hold the seal by its corners to keep the magnetic strip from breaking.
- Lay down and unfold the seal.
- Allow the seal to reach the ambient temperature
- Wrinkles and creases (caused by transportation or storage) can be removed by gently warming the seal with a blowdryer or heat gun.
- Gently remove the old seal from the door or drawer.
- Clean the door or drawer tracking and cabinet face thoroughly. Use a clean cloth and professional fridge seal cleaner.
- Disinfect the door or drawer tracking and cabinet face with an approved disinfectant.
 Let it sit for 30 seconds and wipe dry with a clean cloth before placing the new seal.

Installation

- Place the corners of the seal first followed by the short and long sides, this to keep the seal from stretching.
- With push-in (dart) seal profiles: check all the way around if the seal is fully secured in the tracking.
- Remove any creases or cracks by gently warming the seal with a blow-dryer or heat gun.





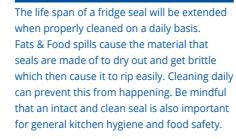
- Directly after installation a magnetic seal can have less power of attraction. It can take several weeks for the magnet to reach its optimal power of attraction.
- In case a corner breaks during installation this can be repaired by using superglue.

Check the following points in case the seal does not seal the fridge correctly after installation

Are the profile and measurements ordered correctly?

- Is the seal properly pushed into the tracking all the way around?
- Have all creases or cracks been removed with a blow dryer or heat gun?
- Is the door, drawer or lid not crooked or twisted?
- Does the cabinet face contain a counter magnet that repels the seal?
- Does the seal wrench on the hinge side? If so, put the door without hinges against the cabinet and re-install the hinges.

Maintenance



Advice

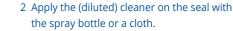
A split, worn or broken fridge seal has a significant impact on the cooling capacity and energy consumption of refrigeration equipment. Without a proper seal, the refrigerator or freezer "leaks" cold air causing the cooling compressor to run more frequently or even continuously in order to keep the cabinet contents at the set temperature. Maintenance of fridge seals is important for food safety; it avoids maintenance cost and reduces the energy consumption up to 25%.

General

Use a soft dry cloth with a professional fridge seal cleaner or a heavily diluted water-based cleaning agent for maintenance. Be mindful that aggressive cleaning agents, such as all-purpose cleaners, santitisers, oven cleaners and aggressive degreasers cause irreparable damage when used on fridge seals.

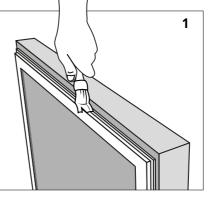
Cleaning

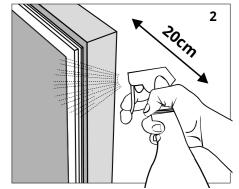
1 Remove any visible forms of contamination such as crumbs from in-between the folds of the seal. Use a brush or a clean dry cloth. Don't use any sharp objects to get in-between the folds because this can cause irreparable damage to the seal.

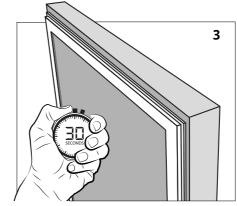


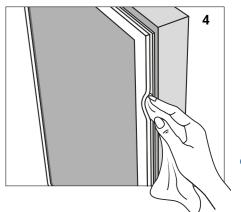


4 Wipe dry with a clean dry cloth, also between the folds. Repeat treatment until the seal is entirely clean.









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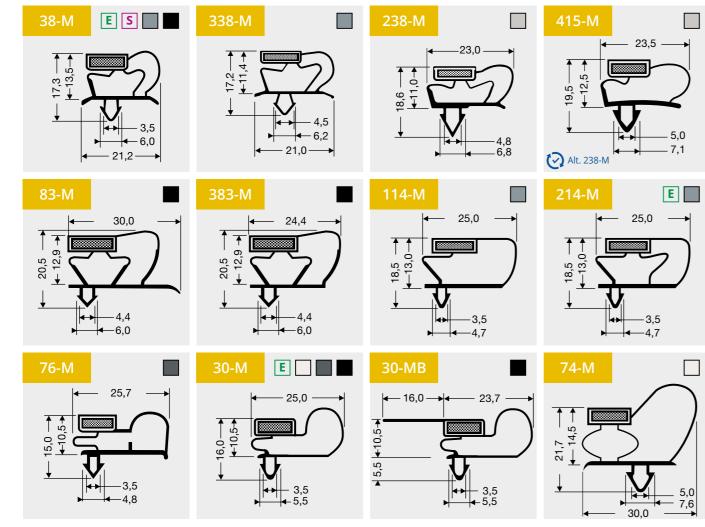
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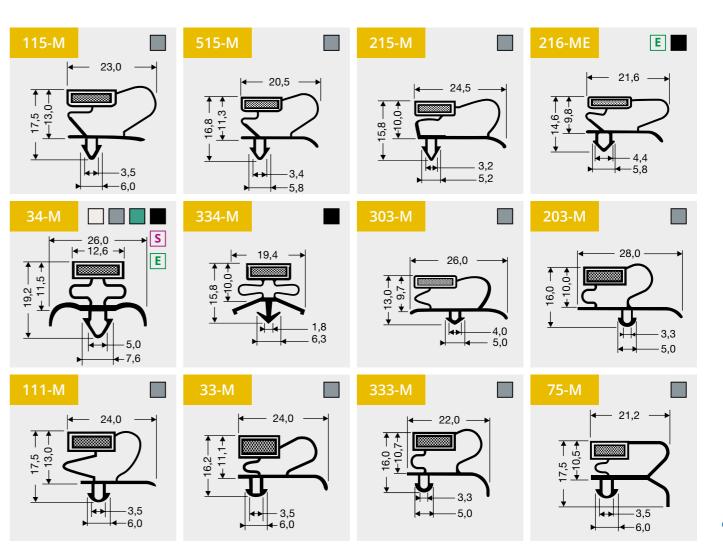


Dart profiles with magnet

Available as frame or profile length.



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DSU

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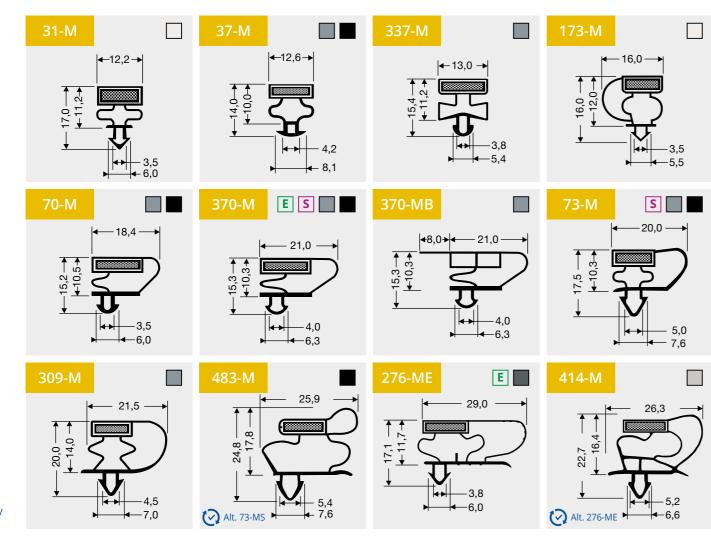
Dart profiles with magnet

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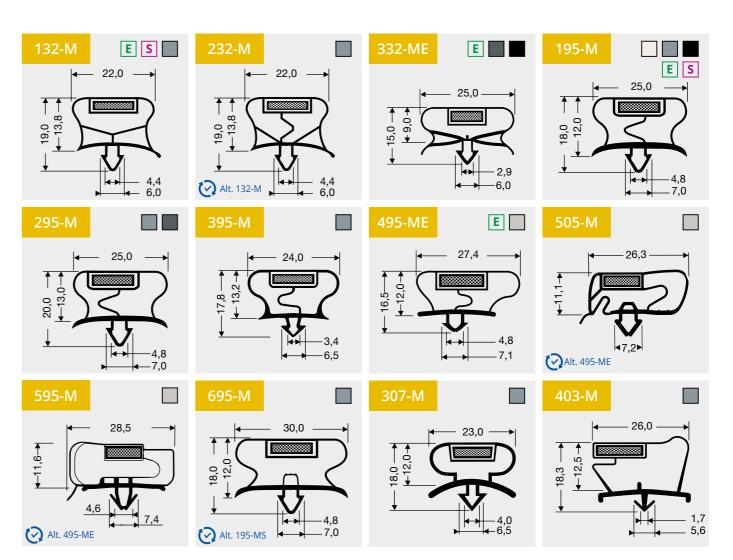


Dart profiles with magnet

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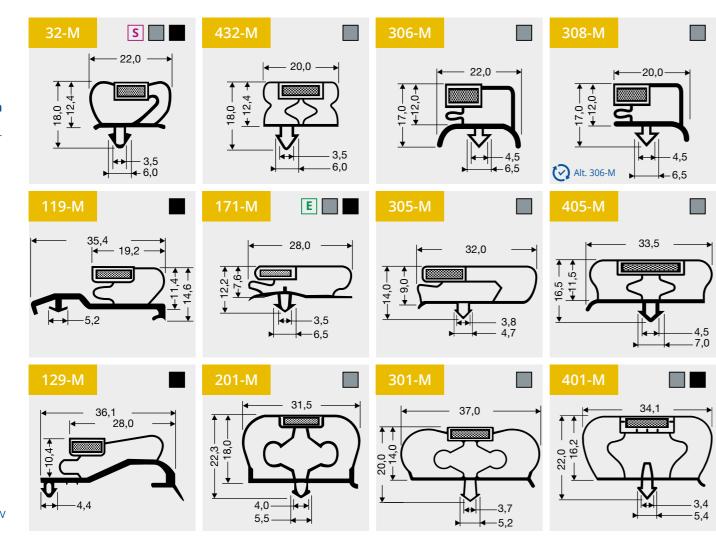
Dart profiles with magnet

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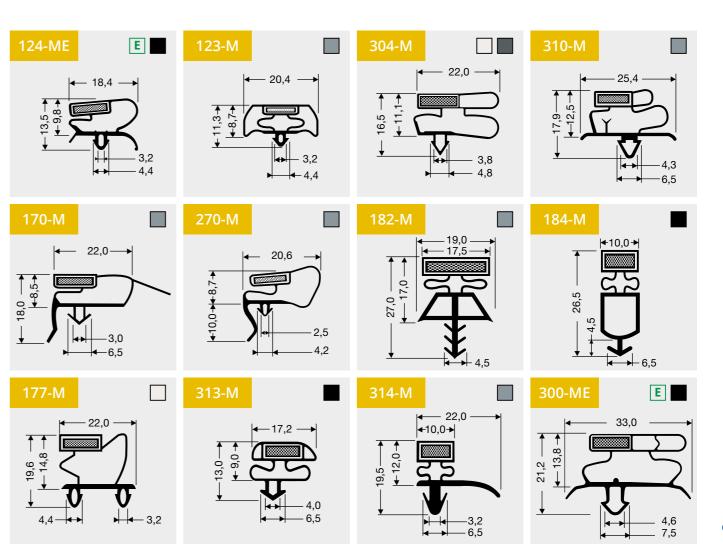


Dart profiles with magnet

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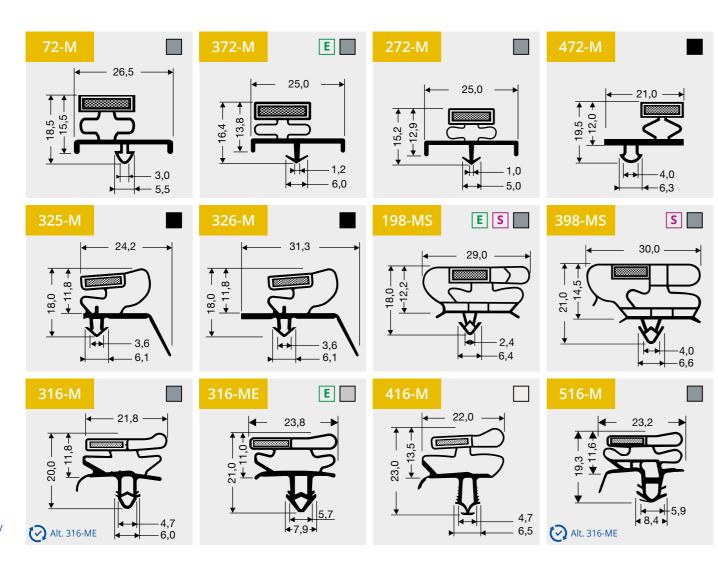
Dart profiles with magnet

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Dart profiles with magnet

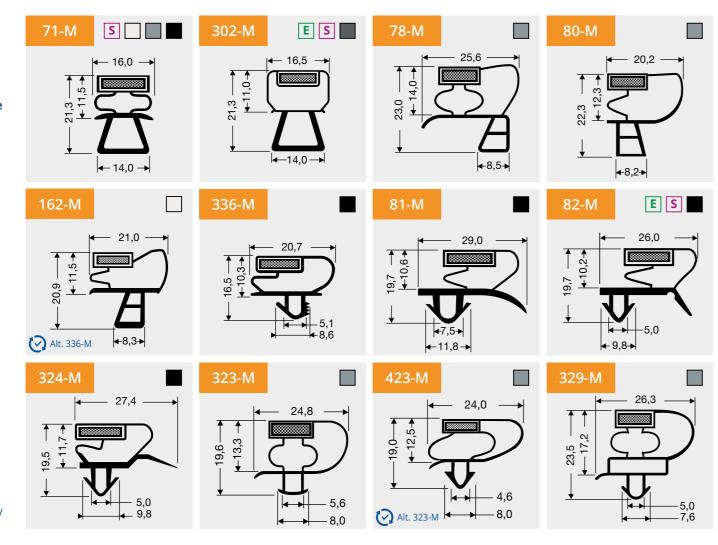
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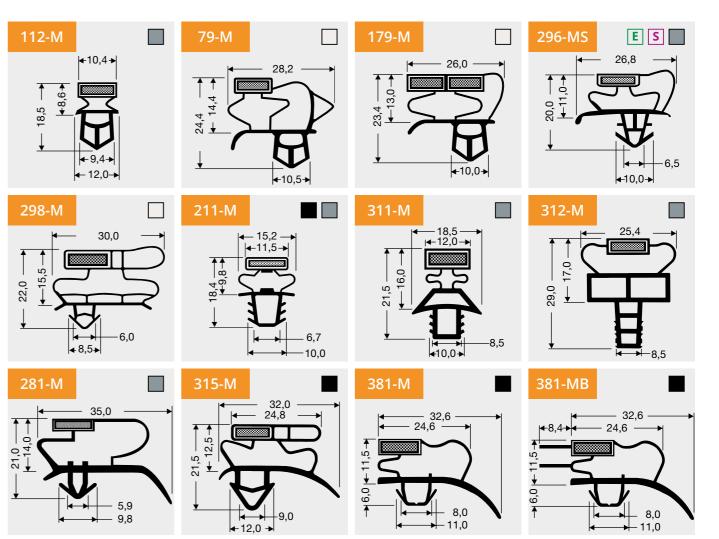




Dart profiles, large dart with magnet Available as frame or profile length.



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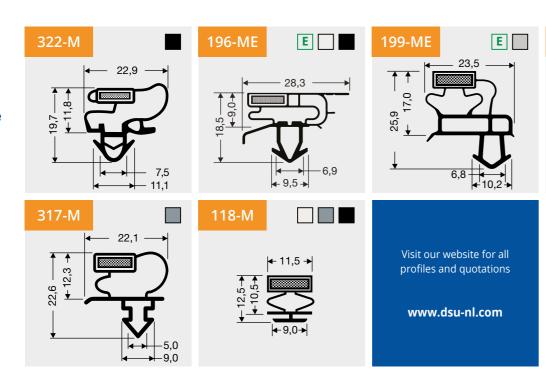
DSU

2

Dart profiles, large dart with magnet Available as frame or profile length.



Dart profiles, large dart with magnet Available as frame or profile length.

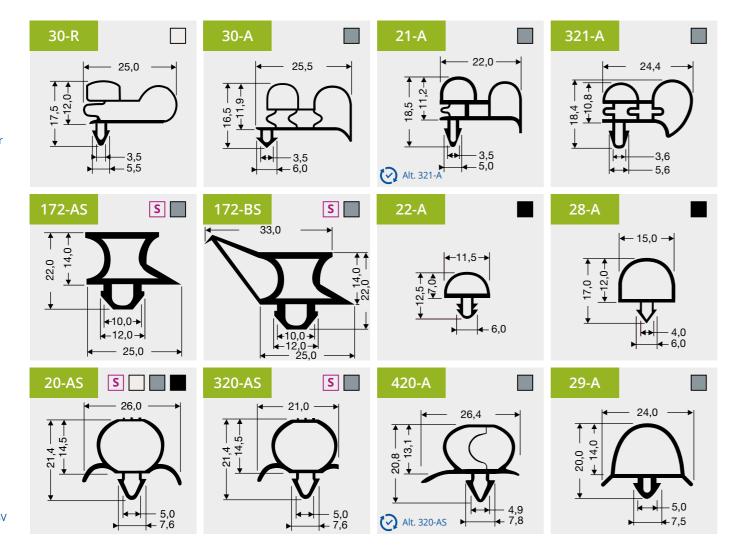


299-M

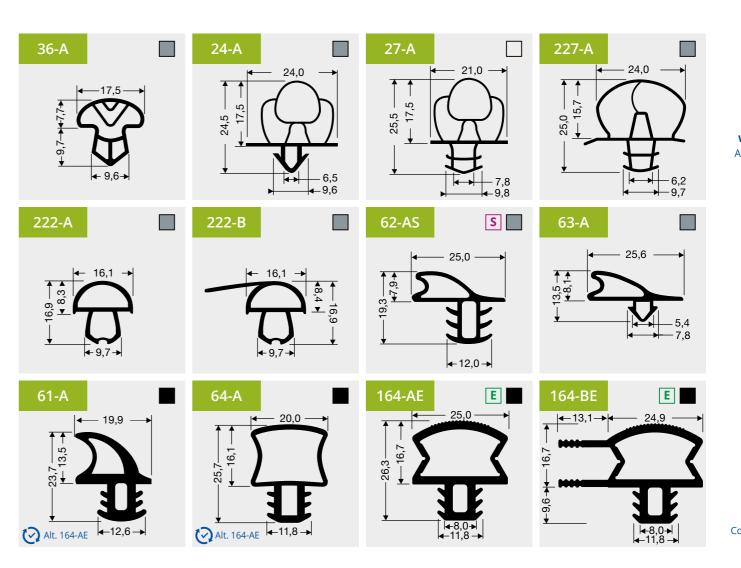




Dart profiles without magnet Available as frame or profile length.



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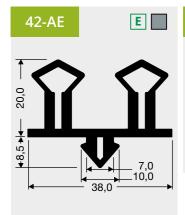
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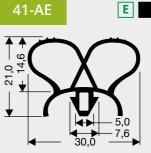
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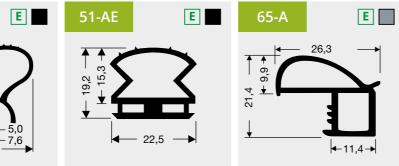
Dart profiles without magnet Available as frame or profile length.



Dart profiles without magnet Available as frame or profile length.







Visit our website for all profiles and quotations

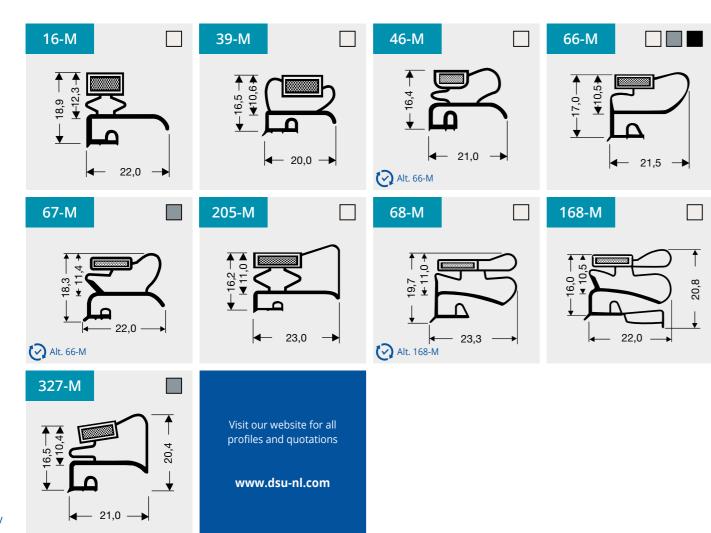
www.dsu-nl.com

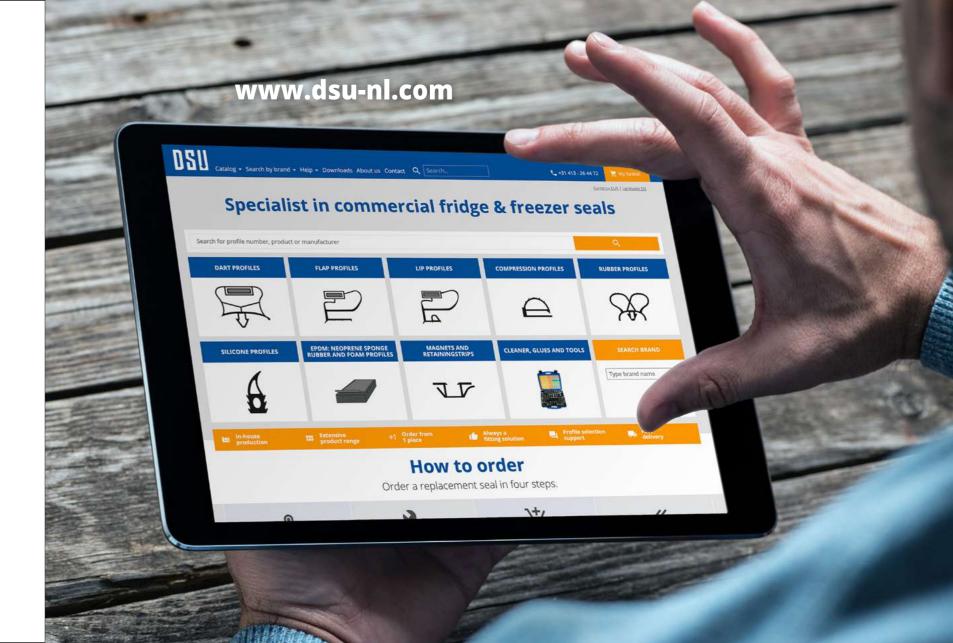




Lip profiles with magnet
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profile length.

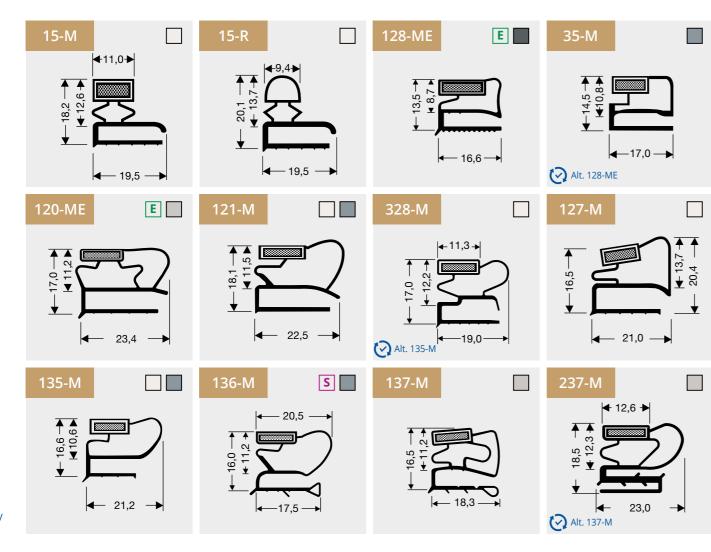




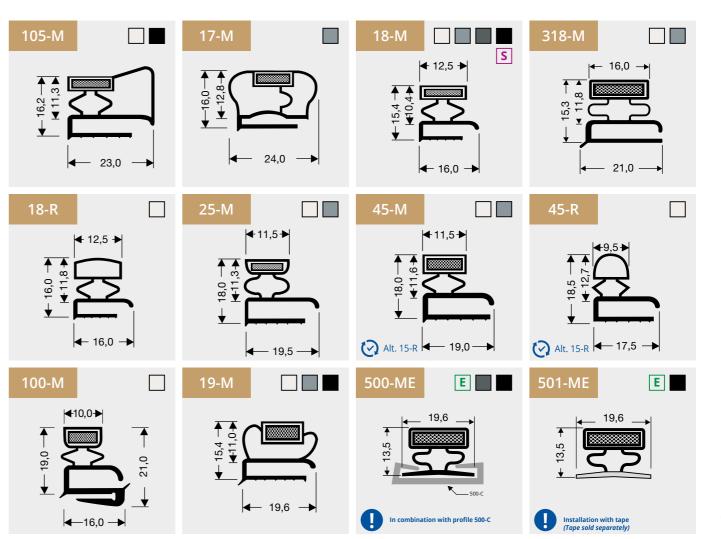


Flap profiles with magnet

Available as frame or profile length.



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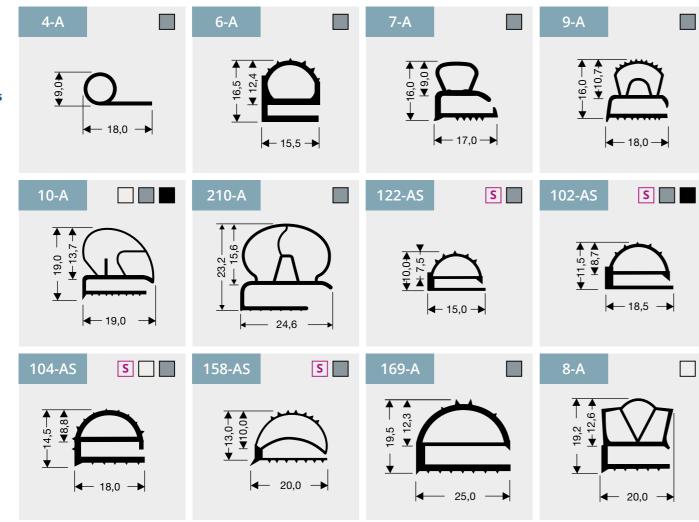
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Flap profiles with magnet

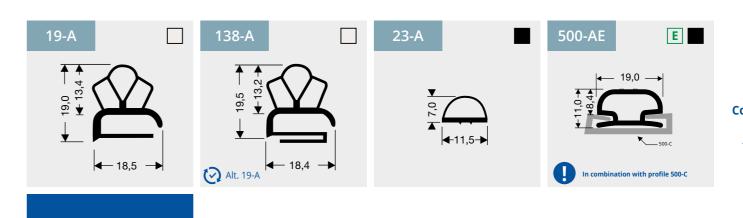
Available as frame or profile length.



Compression profiles without magnet Available as frame or profile length.



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DSU

6

Compression profiles without magnet Available as frame or profile length.



Profiles which can be counter-welded

Attention: Check carefully if you are dealing with a counter (welded) profile.

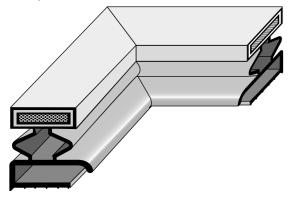
These are very rarely used.

Profiles which can be counter-welded

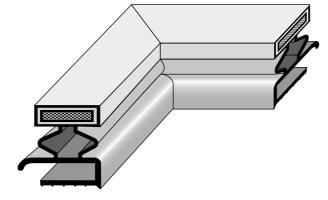
With counter welding, the profile is mirrored horizontally. The flap profiles are open outwards in the counter-welded variant instead of inwards which is standard. The result for dart type profiles is that the magnet which is positioned on the outside of the seal as a standard is then positioned on the inside.

These profiles can be produced counter-welded as a standard. On request, we can investigate for the other profiles in this catalogue to be offered as counter-welded.

Example

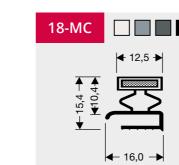


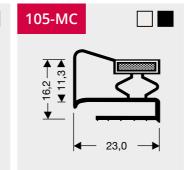
Normal 18-M
Flap open to the inside

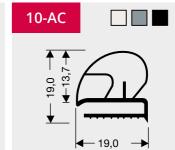


Contra 18-MC Flap open to the outside

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7

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Profiles which can be counter-welded



Information on available material compositions

Information on available material compositions

Besides the standard profiles made of PVC, DSU also offers profiles in a different material composition. Each material has specific properties with regard to temperature range, ease of installation and service life.

	Standard Profiles	Soft Profiles	Extended Life Profiles
Material	PVC	Soft PVC	TPE
Profile code	-M, -A (195-M)	-MS, -AS (195-MS) S	-ME, -AE (195-ME) E
Temperature range	-5 °C to +40 °C	-20 °C to +40 °C	-40 °C to +130 °C
Installation	•••00	••••	••••
Life span	•••000	•••00	••••

Temperature range

The choice of material is partly determined by the temperature range of the application. The flexibility of a standard profile decreases rapidly as the temperature decreases. Profiles based on soft PVC or TPE are more flexible than standard PVC, even at low temperatures. The degree of flexibility of the material used also affects the service life. A brittle non-flexible seal is more likely to crack. In freezers, a heater tape is often installed so that the seal does not freeze and remains flexible and thus has a longer lifespan.

Installation

The degree of flexibility of the material is related to how easily and quickly seals can be installed on a door or drawer. When fitting seals made of PVC, it is often necessary to heat them to remove folds and creases caused by storage and transport.

The highly flexible seals made of TPE deform to a lesser extent during transport and are quicker and easier to fit.

Life span

Maintaining seals is important from a hygiene point of view but certainly also for optimal life span. The effects of dirt, grease and/or (aggressive) cleaning agents cause seals made of PVC to dry out more quickly and, as a result, crack.

Thanks to the material properties of TPE, Extended Life profiles are less sensitive to the effect of dirt, grease and/or (aggressive) cleaning agents and therefore have a longer lifespan. Seals made of TPE are always the best choice for equipment with a high intensity of use as well as for (blast) freezers, heated cabinets and climate cabinets.





Profiles made of Soft PVC

Available as frame or profile length.

Soft PVC Profiles

The most common sealing profiles are also available in **soft PVC**. The availability of material types per profile is shown in the product configurator. This meets customer demand for longer lasting refrigerator seals.

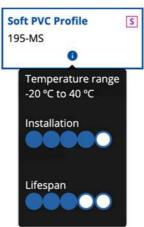
Following the initial legislative changes, a PVC based compound was introduced that reduces the adverse effects of the changed formulation, but does not eliminate them entirely. The sealing profiles made from soft PVC in our range have the suffix MS or AS (for example 195 MS and 20 AS). Profiles manufactured from soft PVC have the following distinguishing properties:

- Temperature range from -20 °C to 40 °C
- Flexible material and therefore easier to install
- Less sensitive to creasing and folding as a result of storage and transport

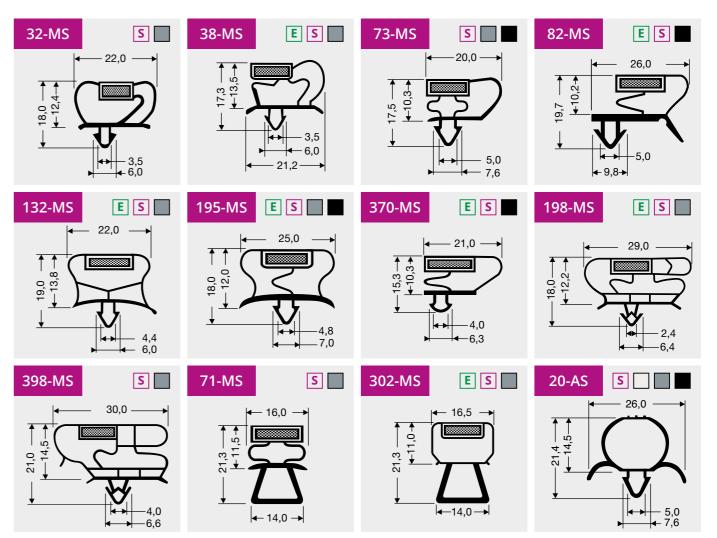
Soft PVC profiles are suitable for use in blast chillers, shock freezers, freezer room doors and for equipment with high intensity usage. The very best choice for these applications are our Extended Life profiles made from TPE (see page 40).

Scan the **QR code** for more specific information about the properties of soft PVC profiles.









DSU

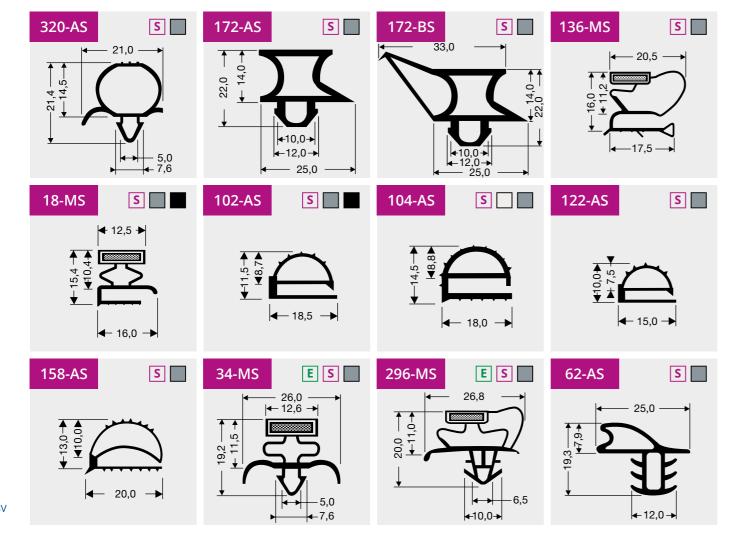
8

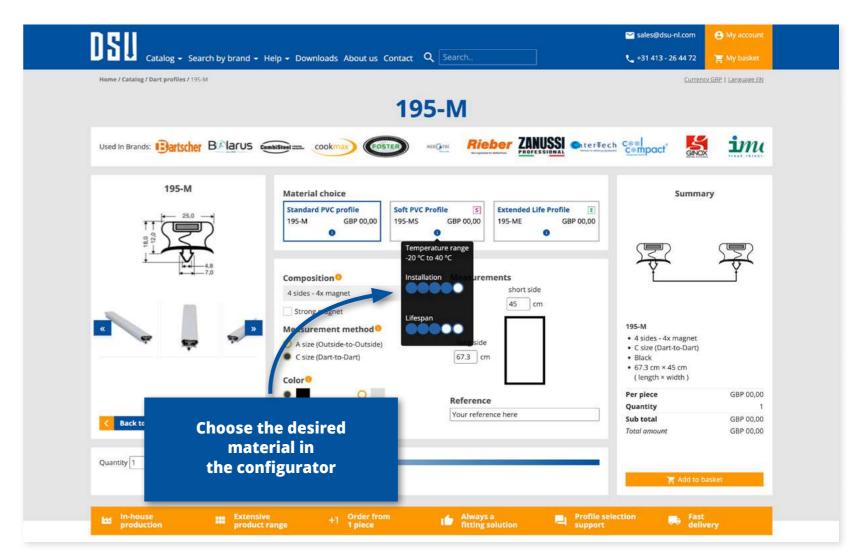
Profiles made of Soft PVC

Available as frame or profile length.











Profiles made of TPE (Extended Life Seal)

Available as frame or profile length.

Extended Life Profiles / Refrigerator seals based on Thermoplastic Elastomer (TPE)

A new material in which DSU has specialised in is SEBS based Thermoplastic Elastomer (TPE). Since 2014 we have experience with the application of TPE for (magnetic) seals. Refrigerator seals made from TPE remain flexible at both low and high temperatures, ensuring the refrigeration compartment is sealed optimally and airtight. In addition, the service life of seals made of TPE is up to four times

Over the years, more and more of the common refrigerator sealing profiles have been made available in TPE for our customers. The availability of material types per profile is shown in the product configurator. This meets customer demand for an optimum service life of refrigerator seals.

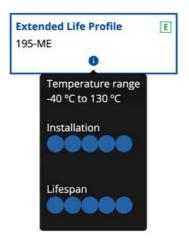
The sealing profiles made of TPE in our range have the suffix ME or AE (for example 195 ME and 500 AE). Profiles manufactured from TPE include, among others, the following distinguishing properties:

- Longer service life
- Temperature range from -40 °C to 130 °C
- More flexible material and therefore easier to install
- Less susceptible to drying out and/or degradation by fats
- · Less susceptible to aggressive cleaning agents, including disinfectants

Extended Life profiles are the best choice for application in doors and drawers of equipment that are used intensively, but also for use in (shock) freezers, freezer room doors, hot holding cabinets, climate cabinets and in kitchens where restrictions on the use of water based cleaning agents are in force.

For more specific information about the properties of TPE when sealing climate controlled spaces in refrigeration technology and other applications, you can scan the **QR code** below.

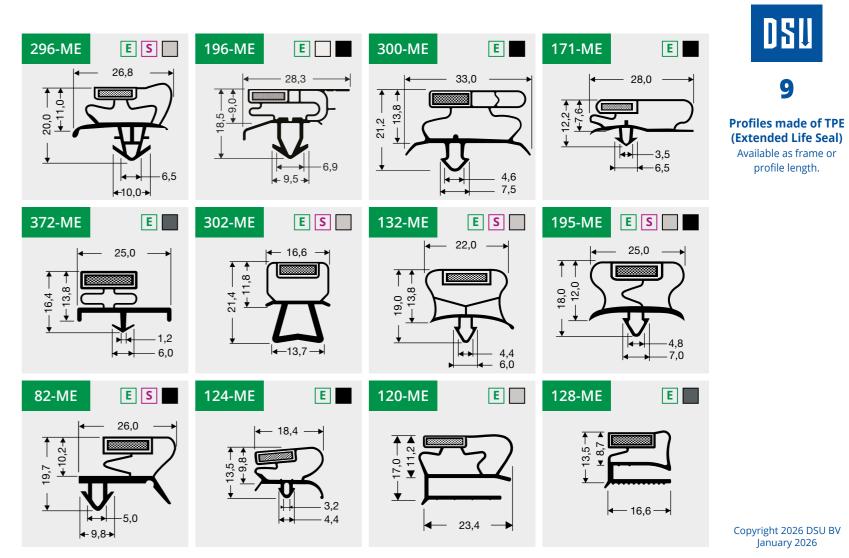








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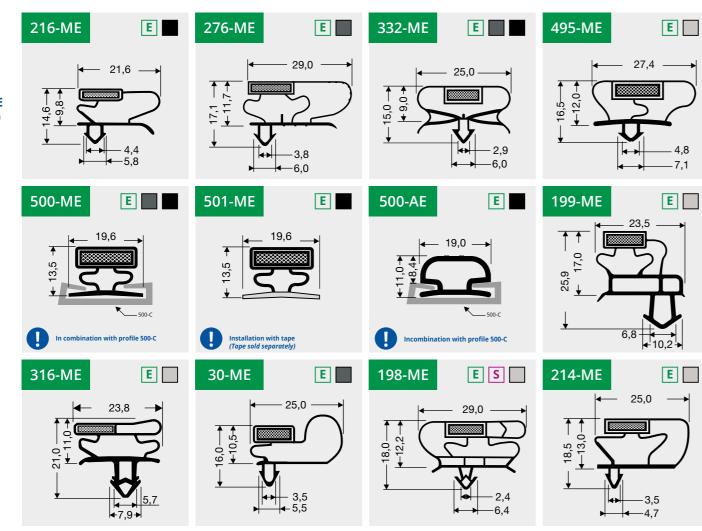


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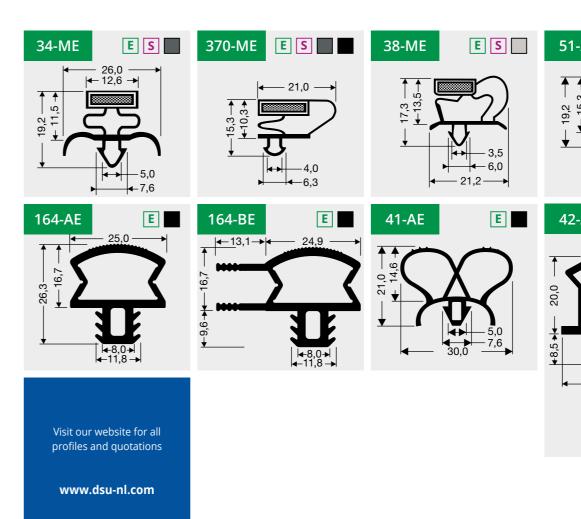
profile length.



Profiles made of TPE (Extended Life Seal) Available as frame or profile length.



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← 22,5 **→**

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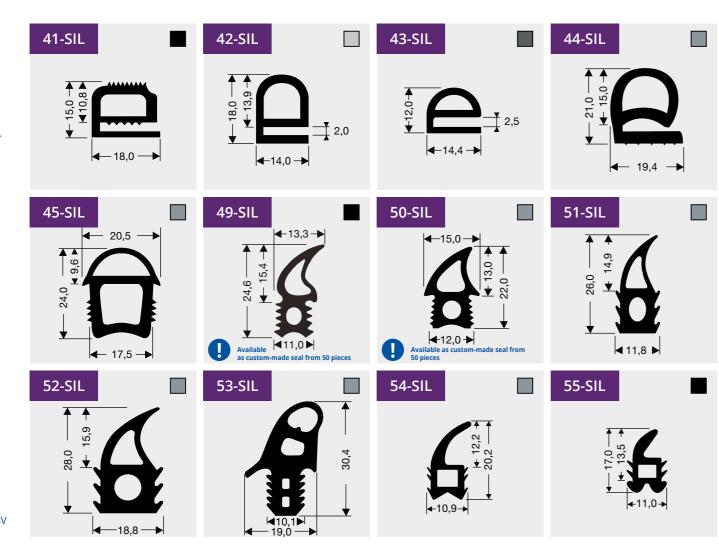
Profiles made of TPE (Extended Life Seal) Available as frame or profile length.



Silicone profiles

Available on a coil or

by the meter.



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10

Silicone profiles

Available on a coil or

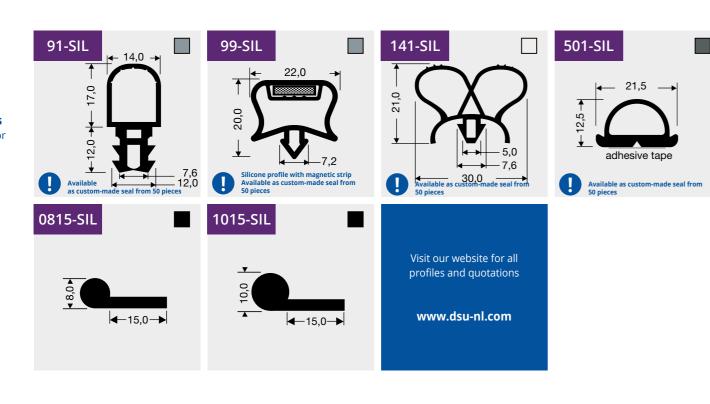
by the meter.

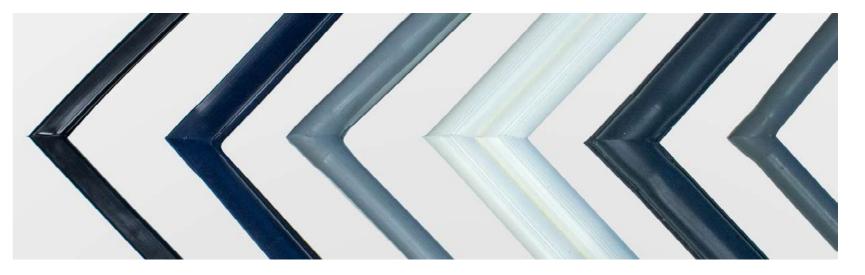


Silicone profiles

Available on a coil or

by the meter.





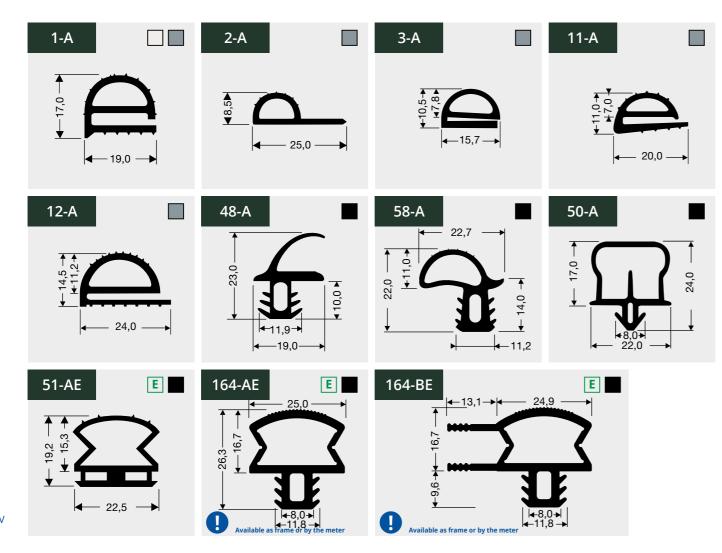


Silicone profiles Available as custom-made seal from 50 pieces

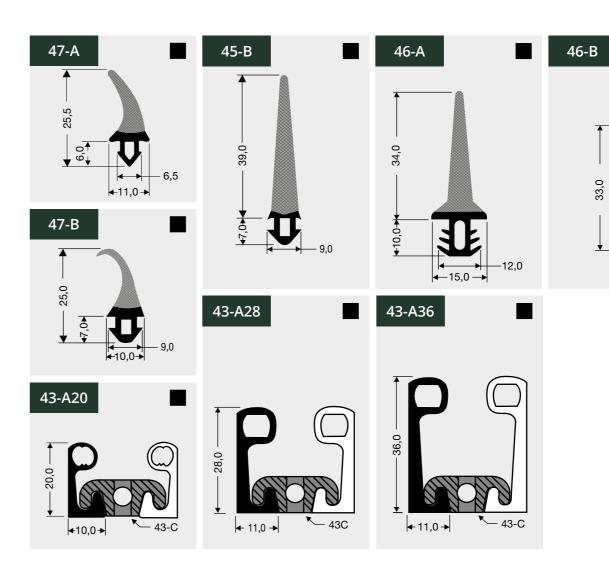


Rubber profiles

Available on a coil or by the meter.



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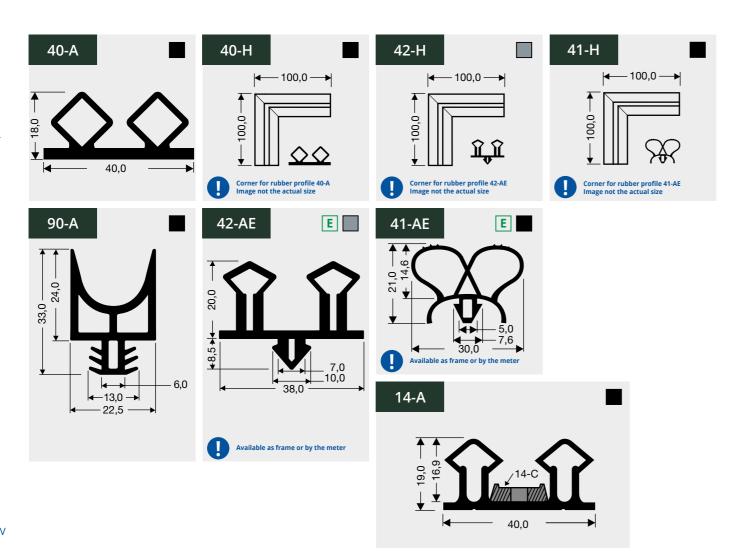
Rubber profiles

Available on a coil or by the meter.

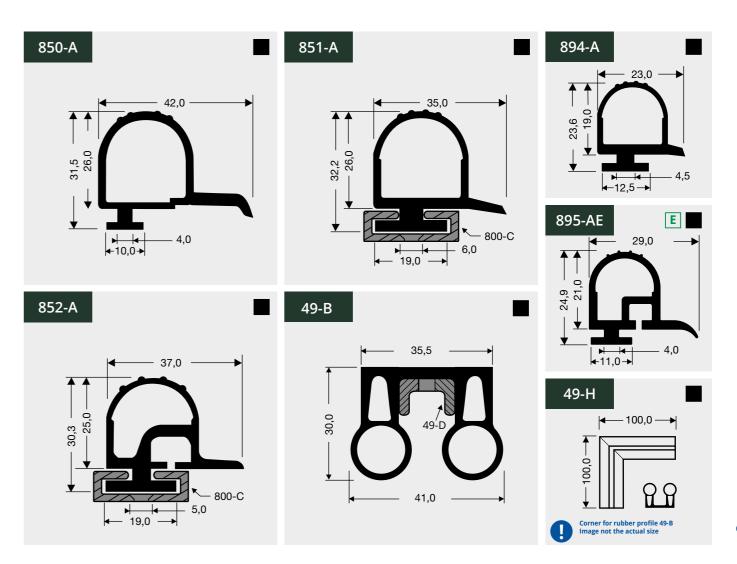
4 9,0 **→**



Rubber profilesAvailable on a coil or by the meter.



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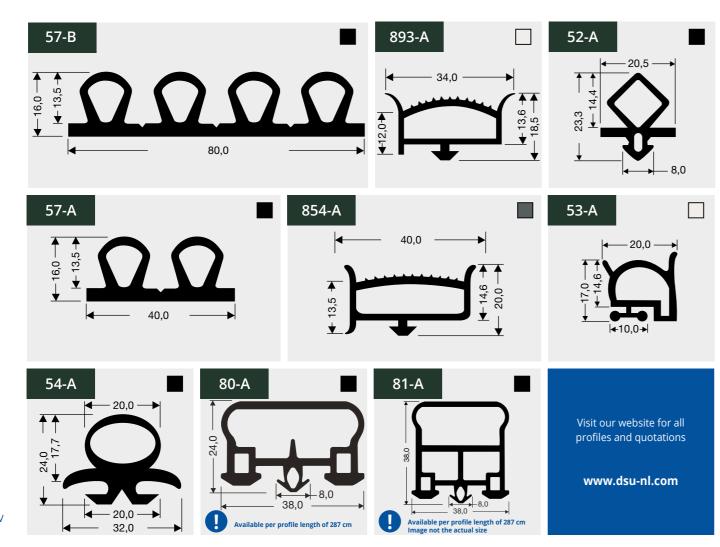
DSU

11 Rubber profilesAvailable on a coil or by the meter.



Rubber profiles

Available on a coil or by the meter.



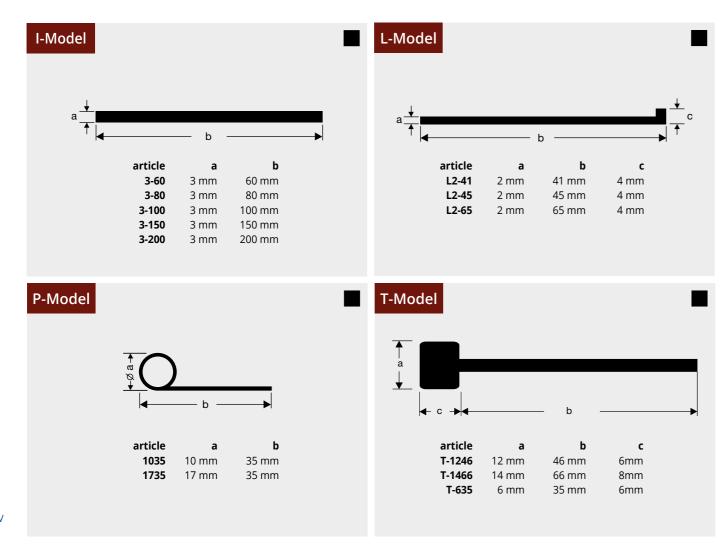




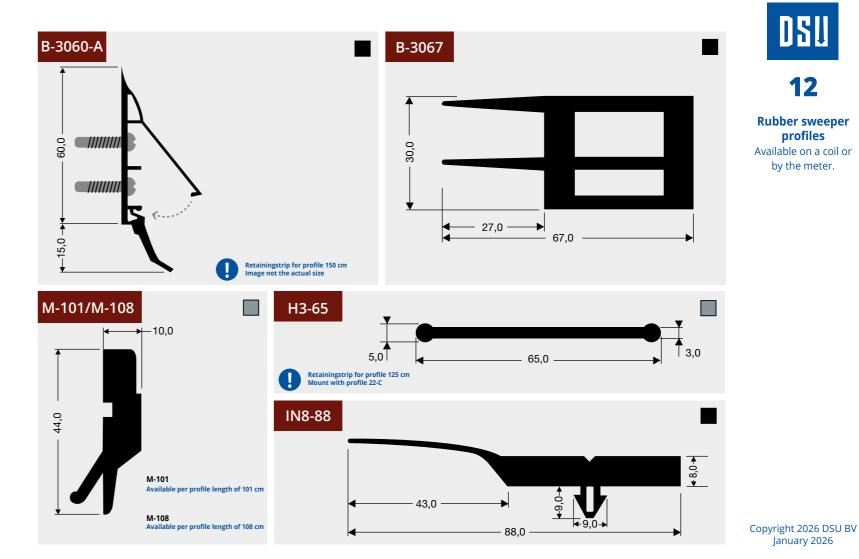
Rubber sweeper profiles

Available on a coil or

by the meter.



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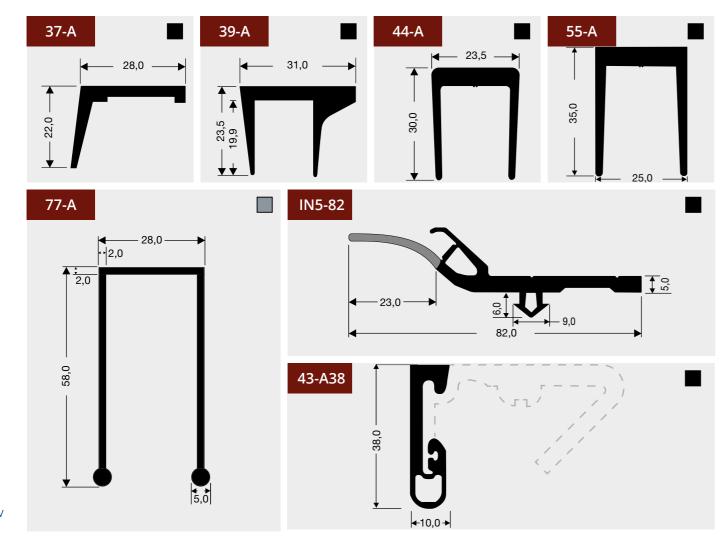




Rubber sweeper profiles

Available on a coil or

by the meter.



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49-B

82-A

82-A

49-B

82-A

Available per profile length of 210 cm



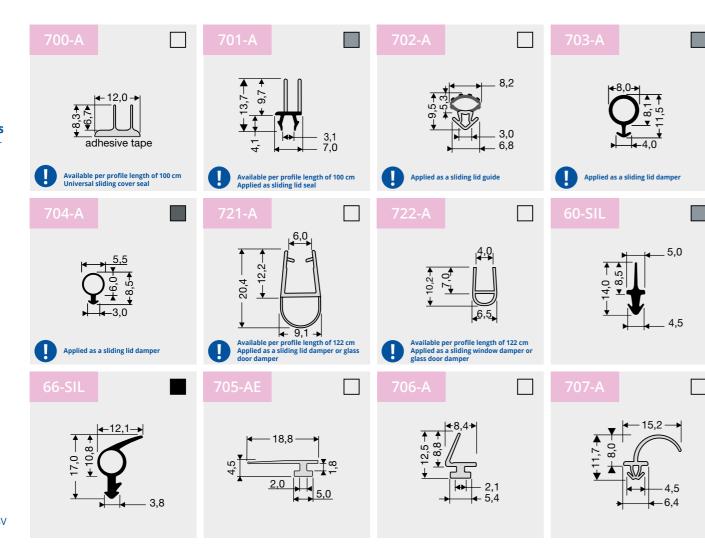
12

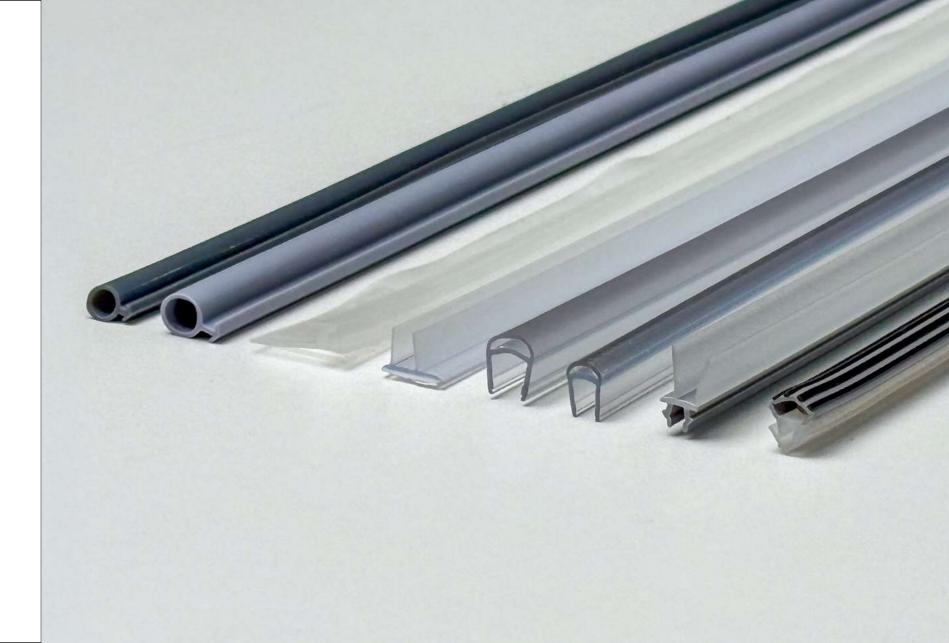
Rubber sweeper profiles

Available on a coil or by the meter.



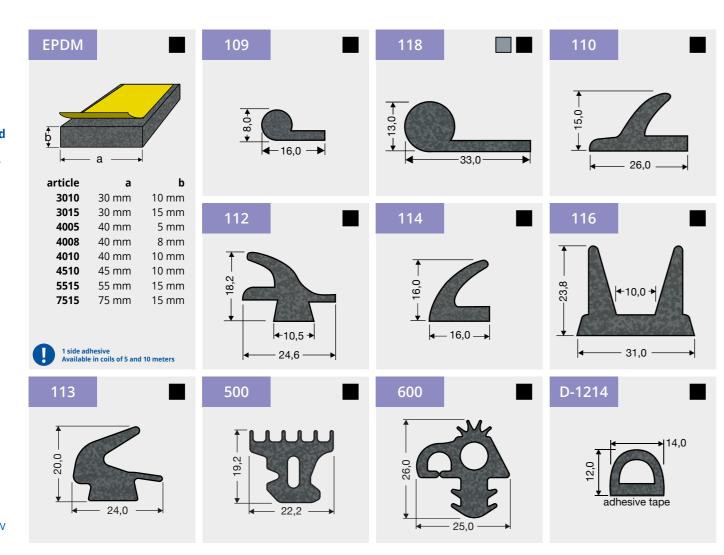
Glass door and sliding-lid profiles Available on a coil or by the meter.







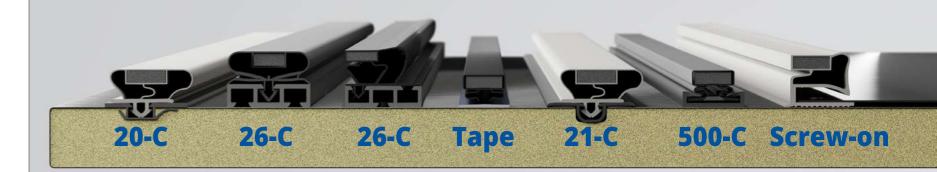
EPDM: Neoprene sponge rubber and foam profiles Available on a coil or by the meter.



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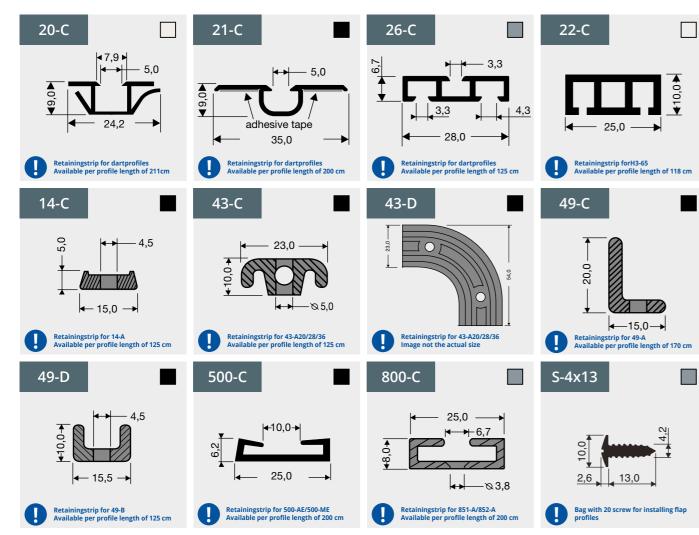


Scan the QR for more information about the different methods for installing seals





Magnets and Retainingstrips



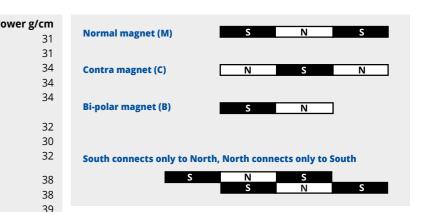
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Magnets	Article	b mm	a mm	Polarity	Po
Magnets	M-76	8,0	3,0	sns	
	C-76	8,0	3,0	nsn	
← b →	M-25	8,9	2,7	sns	
a	C-25	8,9	2,7	nsn	
† † Magnetic side	B-25	9,4	2,5	ns	
	M-15	8,0	3,5	sns	
	M-66	9,0	2,0	sns	
	C-79	9,0	2,0	nsn	
	M-18	10,7	2,5	sns	
	C-18	10,7	2,5	nsn	
	B-18	10,7	2,5	ns	
	M-71	11,8	3,0	sns	
	C-71	11,8	3,0	nsn	
	B-72	12,0	3,4	ns	
	M-72	15,3	3,3	sns	
		E	xtra stron	g magnets	
	MS-18	10,7	2,5	sns	
	MS-20	9,6	2,7	sns	
	MS-25	8,9	2,7	sns	
	MS-71	11,8	3,0	sns	
	CS-20	9,6	2,7	nsn	

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An extra strong magnetic strip provides a 25 - 45% higher force of attraction compared to a regular magnetic strip. Often used in refrigeration where doors or drawers spring open too easily when closing and for refrigeration equipment in moving vehicles. If an extra strong magnet is available, this option is shown in the seal configurator on the website.



Functioning of a magnetic strip in a refrigerator seal/gasket

DSU is using more than 20 different magnetic strips in the production of refrigerator gaskets. The magnetic strips are without exception a combination of north and south poles magnet.

M - magne

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Magnet with the letter M is a magnetic strip with the combination South-North-South, this is the most commonly used magnetic strip for refrigerator gaskets.

C - magn

Magnet with the letter C is a magnetic strip with the combination North-South-North, we call this a "contra" magnet. The M – magnet and C – magnet will attract each other.

B - magne

Magnet with the letter B is bi-polar (2-poles) magnetic strip. This type of magnetic strip is only rarely used in refrigerator seals. When a bi-polar magnet is applied it is important to check and test which pole needs to be positioned on the inside and which pole on the outside.

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Magnets and Retainingstrips







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