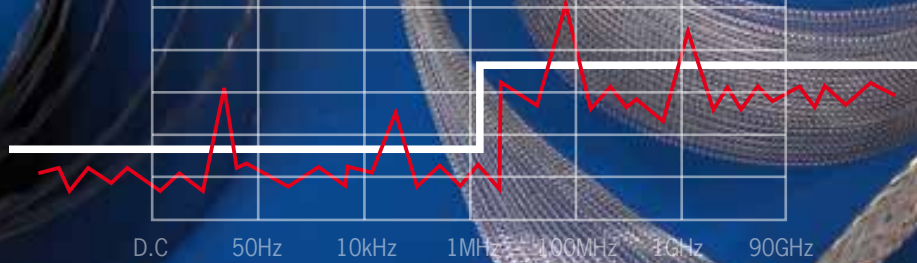


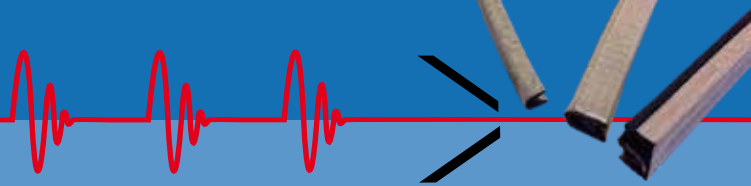
innovative EMI shielding solutions



Clip-on gasket 6500 series



Holland Shielding Systems BV



Conductive flexible edge protector

page 4 & 5

Sealing section

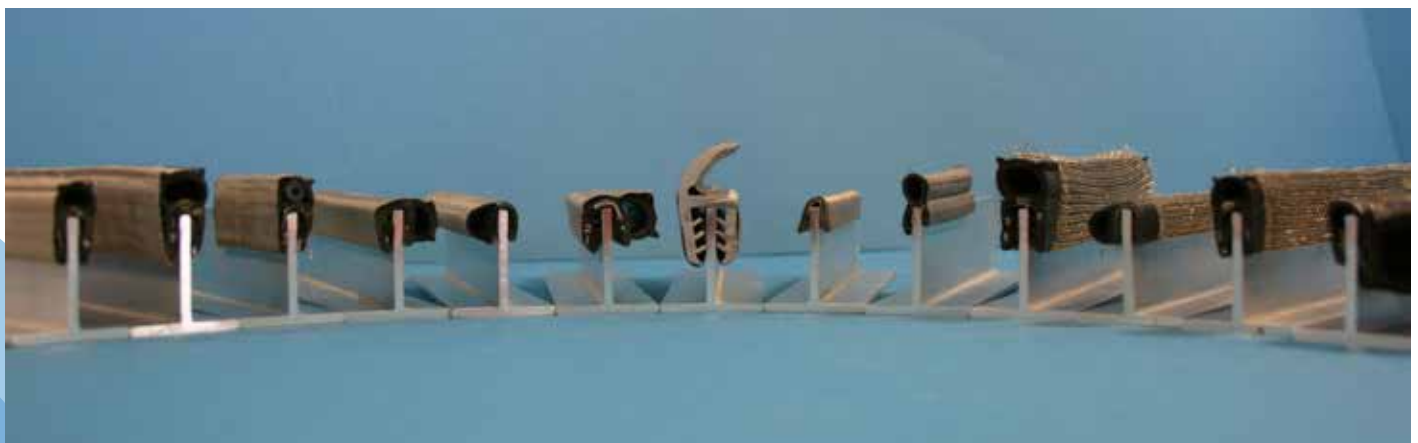
page 6 & 7

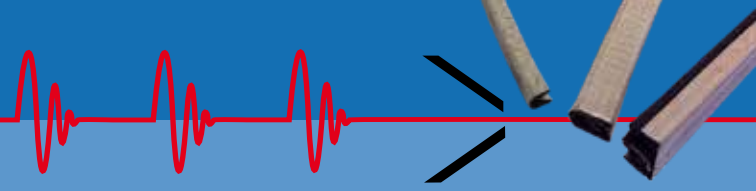
Conductive edge protector

page 8

Dynamic section

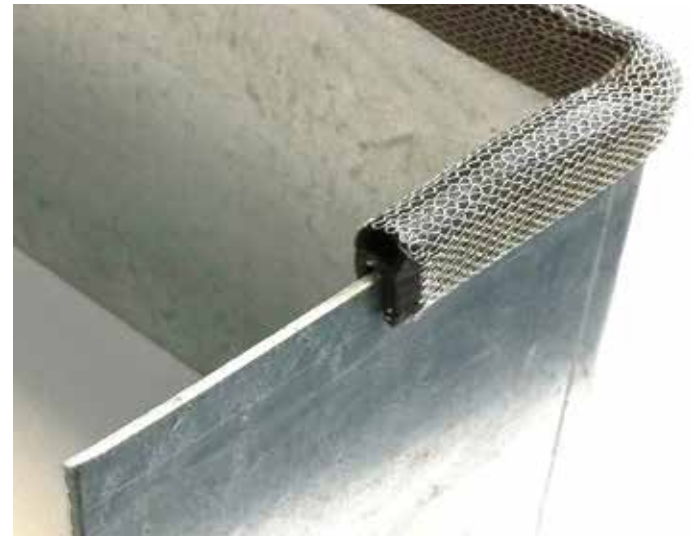
page 9 t/m 11





Introduction

This newly developed clip-on gasket programme is extremely easy to mount and provides a solid mechanical attachment of the EMI shielding gasket. The gaskets can be assembled without the need of tools, simply by pressing the section by hand onto the metal flange of your enclosure without the use of any adhesive's. The clamp mounted feature results in superb shielding performance, no degradation of shielding effect overtime and tremendous cost savings on production lines.

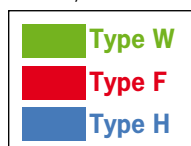
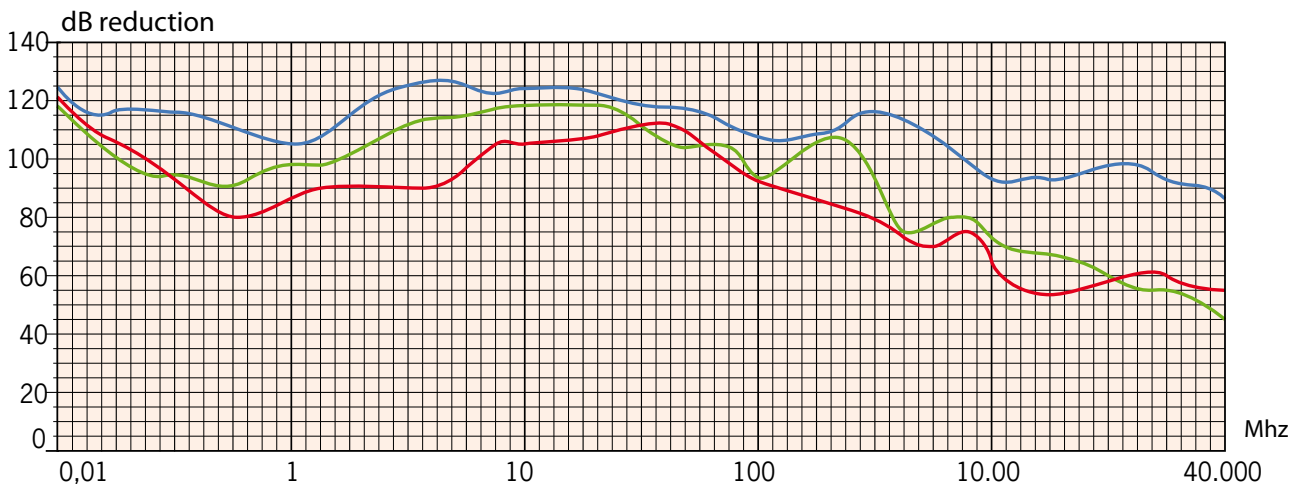


The clip-on range comes in three flavors:

- **Type W series**
(Clip-on shielding gasket with water seal)
- **Type F series**
(Fully wrapped EMI shielding gasket)
- **Type H series**
(For heavy duty applications)

Shielding performance

Our proven conductive textile provides over 96dB of broadband noise attenuation that is crucial for mid to high range shielding applications. For tough environmental applications, we recommend half-wrapped parts (Type W), however full-wrapped profiles are also available for specific applications (Type F). When high shielding demands are made in the low-frequency area we recommend to use Type H. Shielding effectiveness depends on surface, shape of gaskets and materials used.



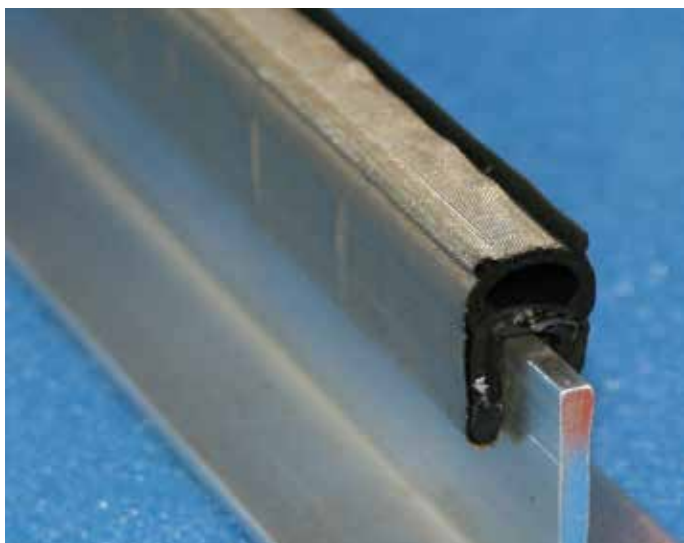
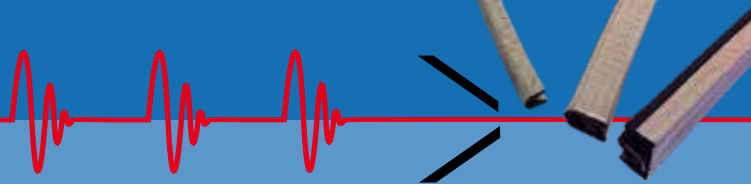
Note: Gasket geometry and application determine the actual shielding effectiveness

Temperature resistance

An EPDM core with an operating temperature up to 100 deg. C and good resistance to UV, water, acids make the clip-on shielding gaskets the right choice for outdoor applications.

Applications

Special shapes and materials excel in dynamic or high cycling applications such as Faraday cage doors or access panels with low compression rates and very limited compression set.



Type W (Clip-on shielding gasket with water seal)

The type W clip-on gasket series has been specially designed to provide environmental (water) sealing as well as EMI shielding for outdoor electronics and telecom cabinet manufacturers. The conductive textile is half wrapped around the gasket, dividing the gasket in two parts, a part for electrical conductance / EMI shielding (made of highly conductive textile), and a part for water sealing. The half wrapped conductive textile provides over 96dB of broadband noise attenuation that is crucial for mid to high range shielding applications.

Type F (Fully wrapped EMI shielding gasket)

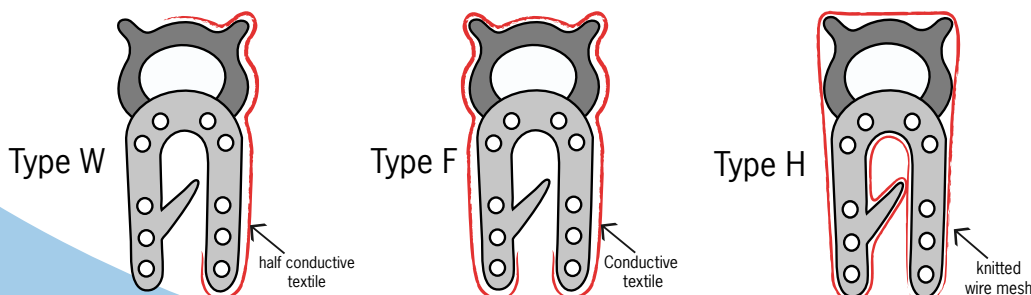
The type-F clip-on gasket series has been specially designed to provide both EMI shielding and electrical conductivity. The conductive textile is fully wrapped around the gasket, resulting in higher shielding performance than the type-W (half wrapped version) only at the expense of water resistance.



Type H (For heavy duty applications)

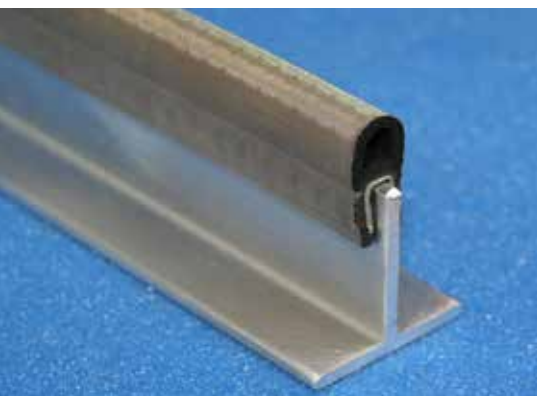
The type H clip-on gasket series has been specially designed for heavy duty applications and provides in addition EMI shielding also low frequency magnetic shielding. The type H series is covered with a high conductive metal cladding, the metal cladding is outdoor proof and suited for harsh environments making it suitable for military, medical and all other applications where high demands are made to the EMI shielding in the magnetic low-frequency area.

Example



Clip-on gaskets 6500

Conductive flexible edge protector



Conductive flexible edge protector

The gasket is designed to slide easily over metal flanges to help reduce installation costs and is a good choice for retrofit applications.

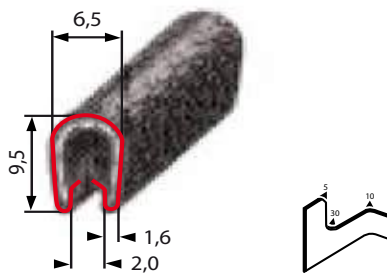
Applications

- Connecting plates
- ESD (static discharge)
- EMI shielding

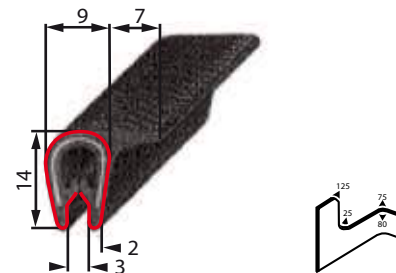
Benefits

- Easy gasket installation
- Resistance to heat, humidity, salt fog, corrosion and rain

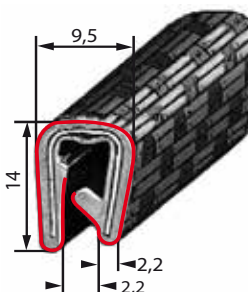
* The red line is an indication of the conductive layer.



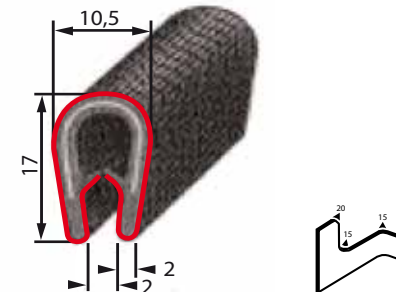
Partnumber 6502	
Available type	F, H
Clamping range	1 - 2 mm
Material	PVC



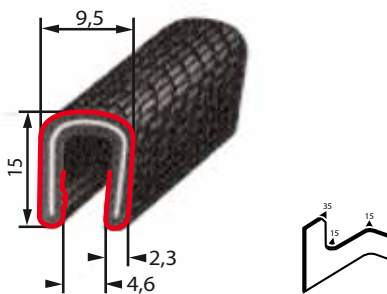
Partnumber 6506	
Available type	F, H
Clamping range	1 - 3 mm
Material	PVC



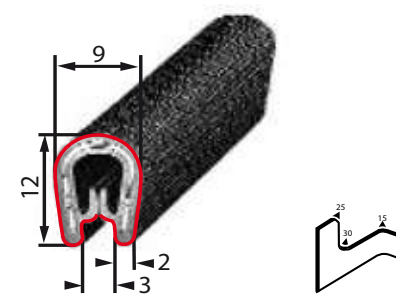
Partnumber 6503	
Available type	F, H
Clamping range	1 - 3 mm
Material	PVC



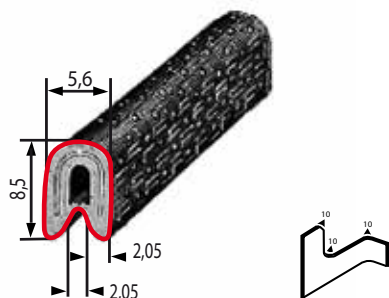
Partnumber 6507	
Available type	F, H
Clamping range	1 - 4 mm
Material	PVC



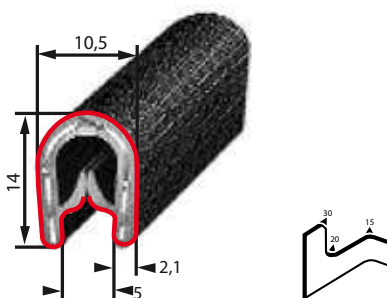
Partnumber 6504	
Available type	F, H
Clamping range	6 - 8 mm
Material	PVC



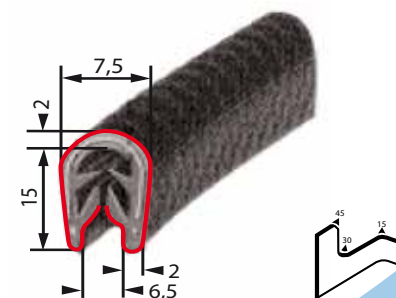
Partnumber 6508	
Available type	F, H
Clamping range	1 - 3 mm
Material	PVC



Partnumber 6501	
Available type	F, H
Clamping range	1 mm
Material	PVC



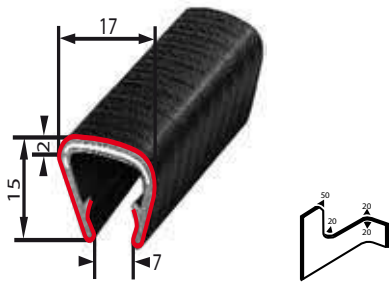
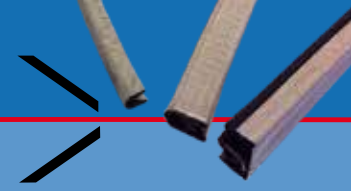
Partnumber 6505	
Available type	F, H
Clamping range	1 - 4 mm
Material	PVC



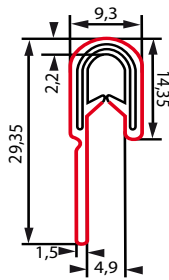
Partnumber 6509	
Available type	F, H
Clamping range	4 - 6 mm
Material	PVC

Clip-on gaskets 6500

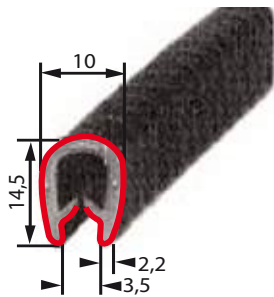
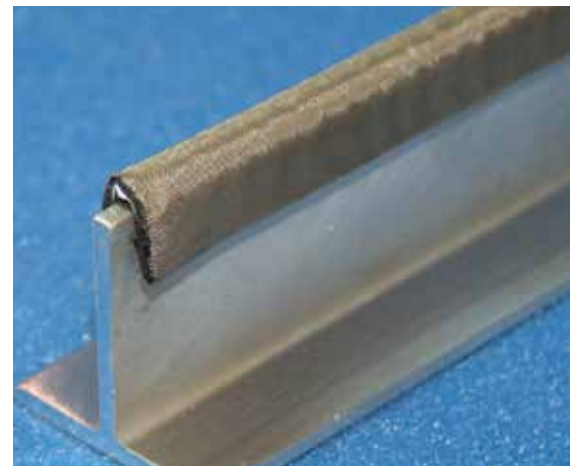
Conductive flexible edge protector



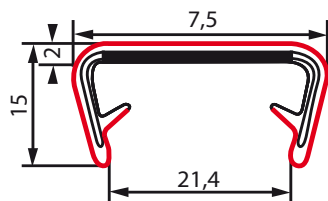
Partnumber 6510	
Available type	F, H
Clamping range	9 - 12 mm
Material	PVC



Partnumber 6514	
Available type	F, H
Clamping range	1 - 3 mm
Material	PVC



Partnumber 6511	
Available type	F, H
Clamping range	1 - 4 mm
Material	PVC



Partnumber 6512	
Available type	F, H
Clamping range	18 - 20 mm
Material	PVC

Ordering
information

When you want to order a conductive flexible edge protector please specify the following

For example

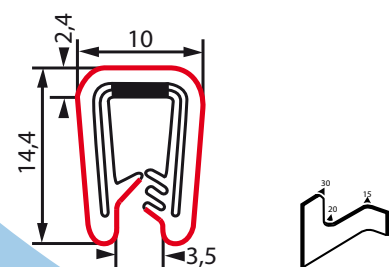
Part number

6501

Type

F

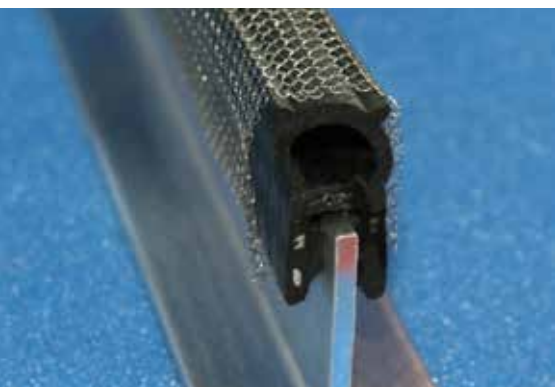
W	: water seal
F	: fully wrapped
H	: heavy duty



Partnumber 6513	
Available type	F, H
Clamping range	1 - 2 mm
Material	PVC

Clip-on gaskets 6500

Sealing section

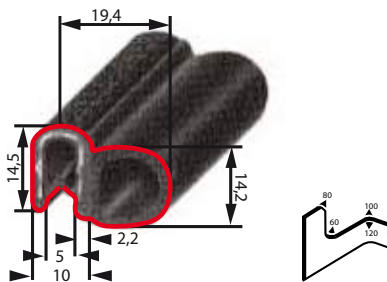


Sealing section

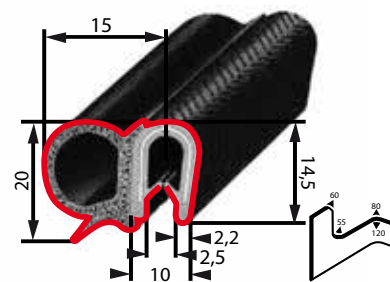
This combination of materials decreases the number of gaskets needed per cabinet. This makes the sealing section a economic solution for application where an environmental seal as well as EMI shielding is needed.

Features

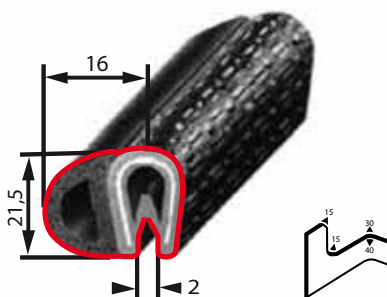
- High performance solution
- Very cost efficient solution



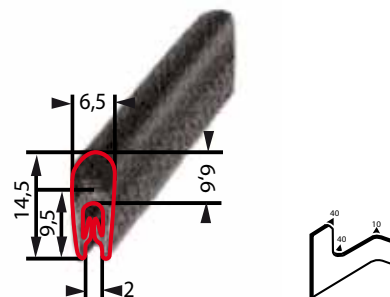
Partnumber 6523	
Available type	W, F, H
Clamping range	1 - 4 mm
Material	PVC



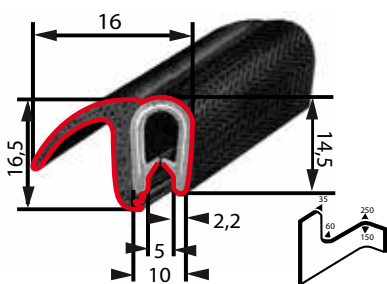
Partnumber 6527	
Available type	W, F, H
Clamping range	1 - 4 mm
Material	PVC



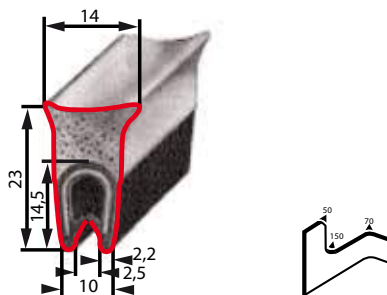
Partnumber 6524	
Available type	W, F, H
Clamping range	1 - 2 mm
Material	PVC



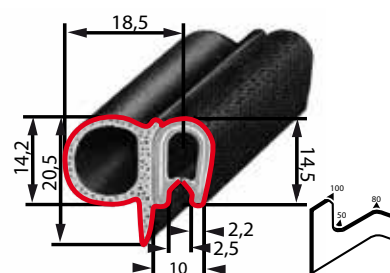
Partnumber 6528	
Available type	W, F, H
Clamping range	1 - 2 mm
Material	PVC



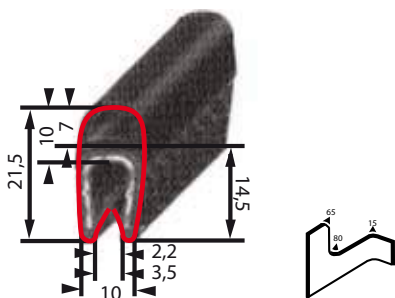
Partnumber 6521	
Available type	F, H
Clamping range	1 - 4 mm
Material	PVC



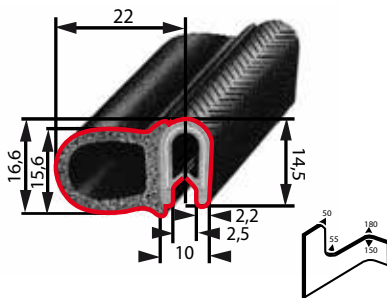
Partnumber 6525	
Available type	W, F, H
Clamping range	1 - 4 mm
Material	PVC



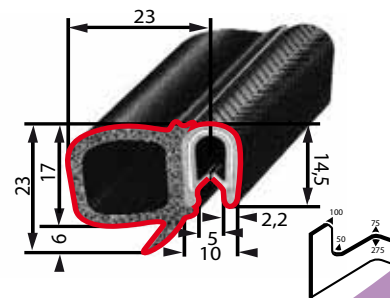
Partnumber 6529	
Available type	W, F, H
Clamping range	1 - 4 mm
Material	PVC



Partnumber 6522	
Available type	W, F, H
Clamping range	1 - 4 mm
Material	PVC



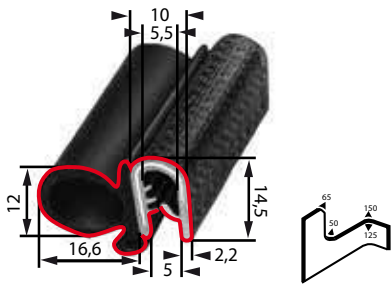
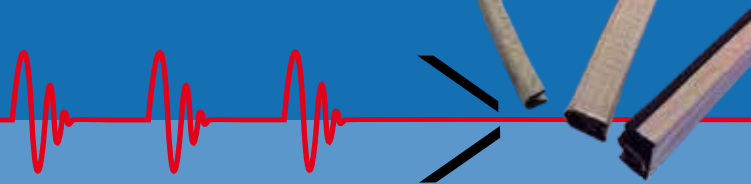
Partnumber 6526	
Available type	W, F, H
Clamping range	1 - 4 mm
Material	PVC



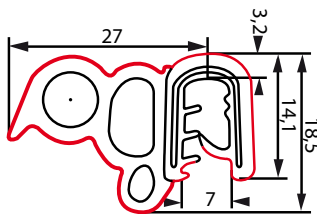
Partnumber 6530	
Available type	W, F, H
Clamping range	1 - 4 mm
Material	PVC

Clip-on gaskets 6500

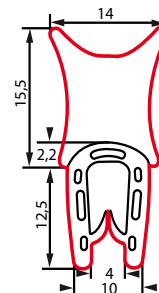
Sealing section



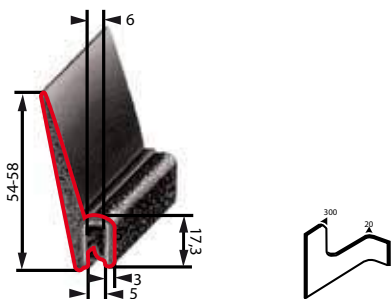
Partnumber 6531	
Available type	W, F, H
Clamping range	2 - 4 mm
Material	PVC



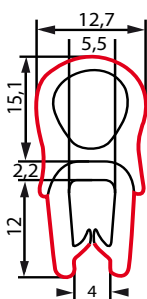
Partnumber 6534	
Available type	F, H
Clamping range	2 - 4 mm
Material	PVC



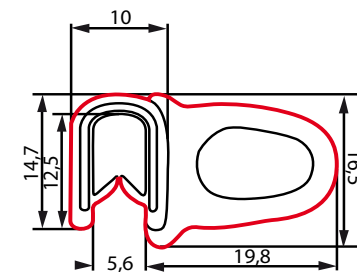
Partnumber 6537	
Available type	W, F, H
Clamping range	1 - 3 mm
Material	PVC



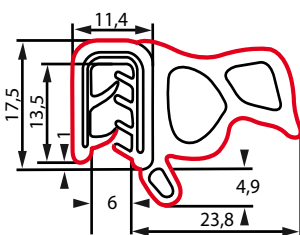
Partnumber 6532	
Available type	W, F, H
Clamping range	2 - 4 mm
Material	PVC



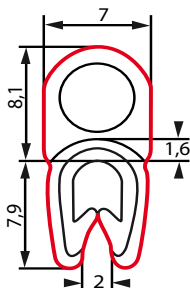
Partnumber 6535	
Available type	W, F, H
Clamping range	1 - 4 mm
Material	PVC



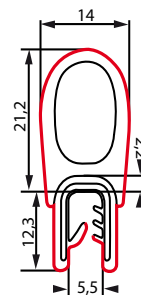
Partnumber 6538	
Available type	W, F, H
Clamping range	1 - 4 mm
Material	PVC



Partnumber 6533	
Available type	F, H
Clamping range	2 - 4 mm
Material	PVC

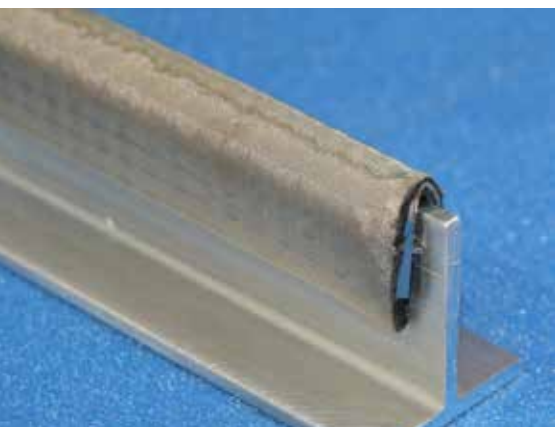


Partnumber 6536	
Available type	W, F, H
Clamping range	1 - 2 mm
Material	PVC



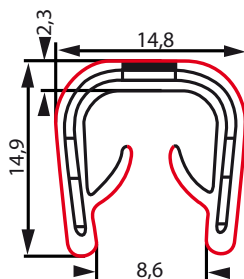
Partnumber 6539	
Available type	W, F, H
Clamping range	2 - 4 mm
Material	PVC



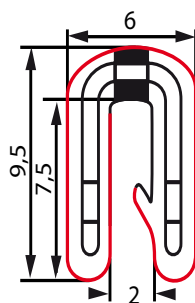


Conductive edge protector

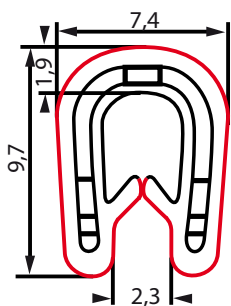
This is a very rigid profile, used to protect sharp edges from damaging and still preserve the electrical conductance. This type is also suitable for connecting two steel plates or for static discharge.



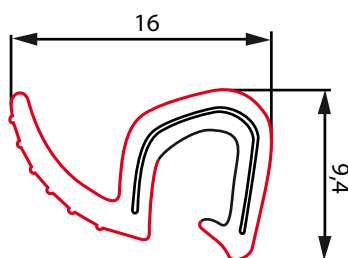
Partnumber 6542	
Available type	F, H
Clamping range	1,2 - 1,8 mm
Material	EPDM, 70 ± 5 shore A



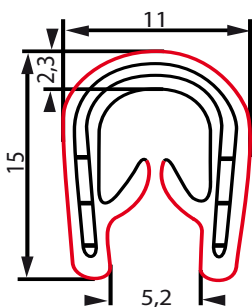
Partnumber 6543	
Available type	F, H
Clamping range	1,2 - 1,8 mm
Material	EPDM, 60 ± 5 shore A



Partnumber 6540	
Available type	F, H
Clamping range	0,5 - 2 mm
Material	EPDM, 70 ± 5 shore A



Partnumber 6544	
Available type	F, H
Clamping range	-
Material	EPDM, 60 ± 5 shore A



Partnumber 6541	
Available type	F, H
Clamping range	2 - 5 mm
Material	EPDM, 70 ± 5 shore A

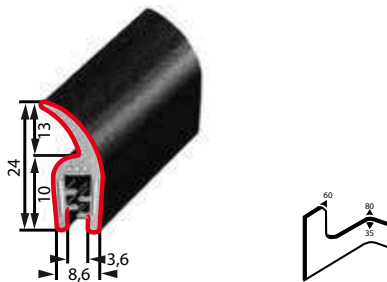
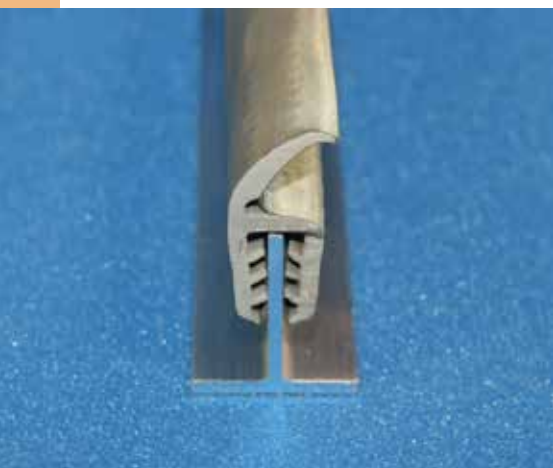
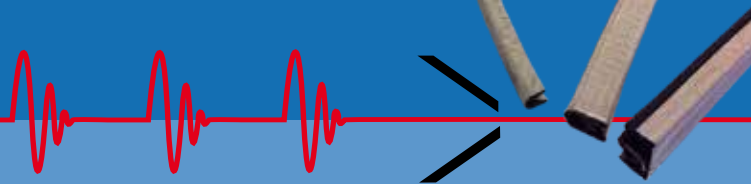
Ordering information

When you want to order a conductive flexible edge protector please specify the following.
For example

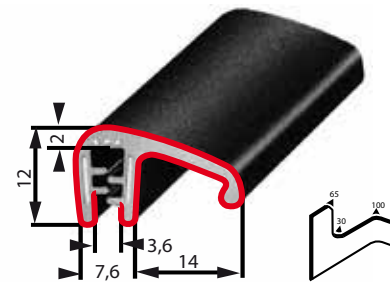
Part number	Type
6540	F
Please specify the type from the tables	W : water seal F : fully wrapped H : heavy duty

Clip-on gaskets 6500

Dynamic section



Partnumber 6552	
Available type	F, H
Clamping range	1 - 3 mm
Material	EPDM, 60 ± 5 shore



Partnumber 6556	
Available type	F, H
Clamping range	1 - 3 mm
Material	EPDM, 60 ± 5 shore

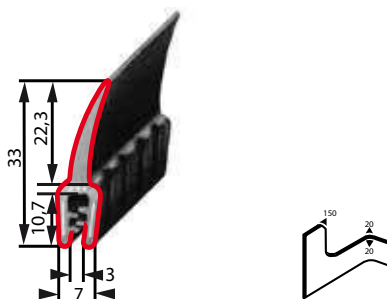
Dynamic section

Simple clip-on installation for doorjamb and similar needs, edge mounts, low and high deflection.

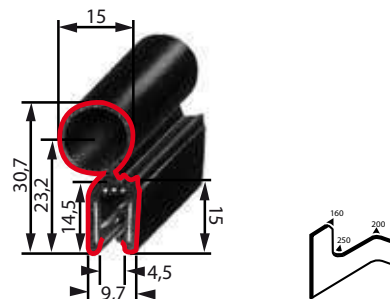
For applications where a small dynamic range is required and a clip-on mounting is preferred. Mounts simply by pressing into position.

The gasket comes with retaining lances to look into desired position.

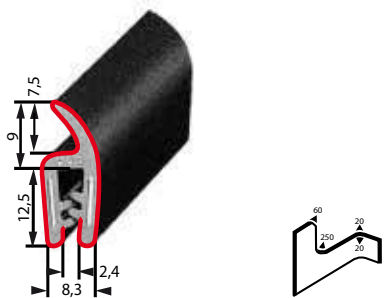
* The red line is an indication of the conductive layer.



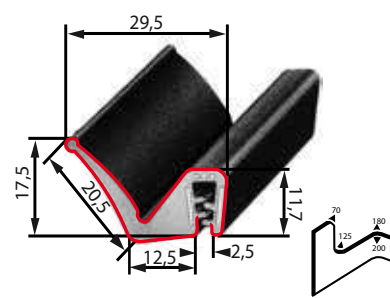
Partnumber 6553	
Available type	F, H
Clamping range	1 - 3 mm
Material	EPDM, 60 ± 5 shore



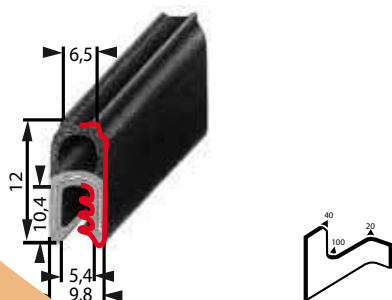
Partnumber 6557	
Available type	F, H
Clamping range	1 - 3 mm
Material	EPDM, 60 ± 5 shore



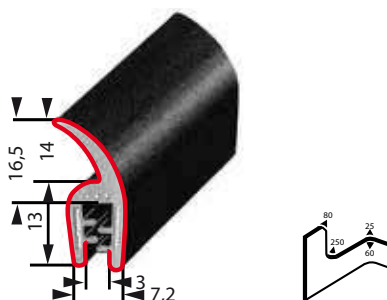
Partnumber 6554	
Available type	F, H
Clamping range	1 - 2 mm
Material	EPDM, 60 ± 5 shore



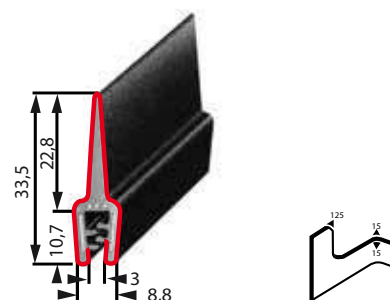
Partnumber 6558	
Available type	F, H
Clamping range	1 - 3 mm
Material	EPDM, 60 ± 5 shore



Partnumber 6551	
Available type	W, F, H
Clamping range	0,8 - 3 mm
Material	EPDM, 60 ± 5 shore



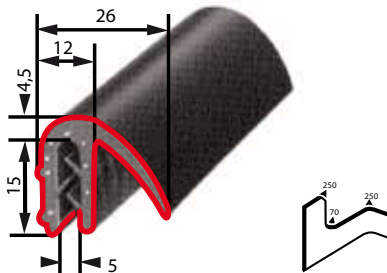
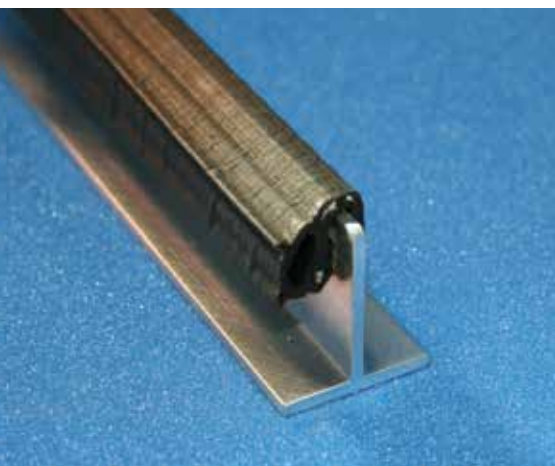
Partnumber 6555	
Available type	F, H
Clamping range	1 - 3 mm
Material	EPDM, 60 ± 5 shore



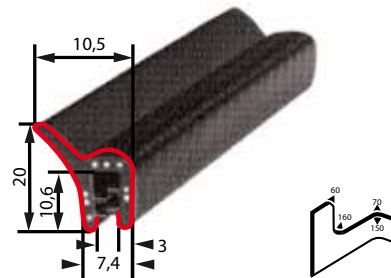
Partnumber 6559	
Available type	F, H
Clamping range	1 - 3 mm
Material	EPDM, 60 ± 5 shore

Clip-on gaskets 6500

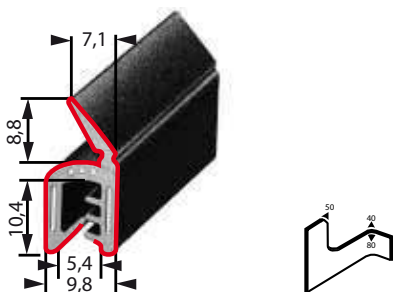
Dynamic section



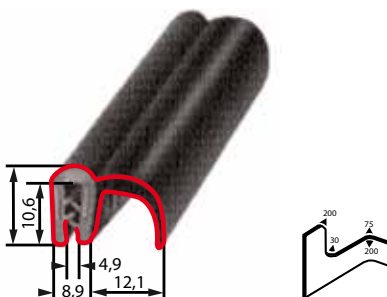
Partnumber 6563	
Available type	F, H
Clamping range	1 - 4 mm
Material	EPDM, 60 ± 5 shore A



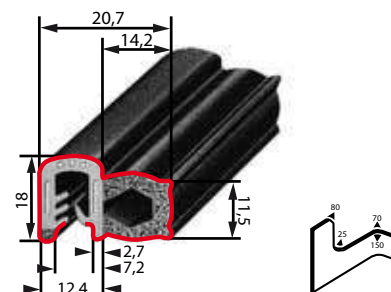
Partnumber 6567	
Available type	F, H
Clamping range	1 - 3 mm
Material	EPDM, 60 ± 5 shore A



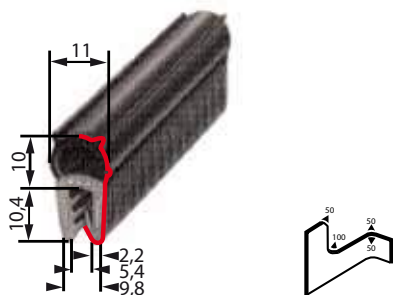
Partnumber 6560	
Available type	F, H
Clamping range	1 - 3 mm
Material	EPDM, 60 ± 5 shore A



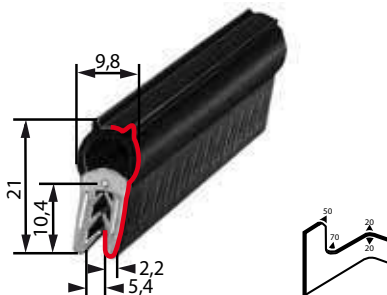
Partnumber 6564	
Available type	F, H
Clamping range	1 - 3 mm
Material	EPDM, 60 ± 5 shore A



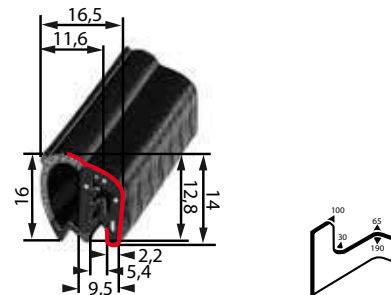
Partnumber 6568	
Available type	W, F, H
Clamping range	3 - 5 mm
Material	EPDM, 60 ± 5 shore A



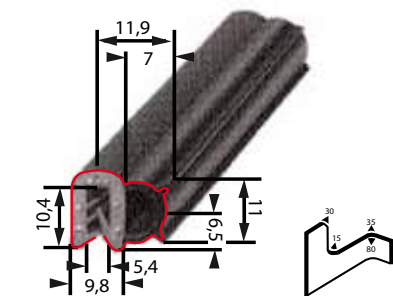
Partnumber 6561	
Available type	W, F, H
Clamping range	1 - 3 mm
Material	EPDM, 60 ± 5 shore A



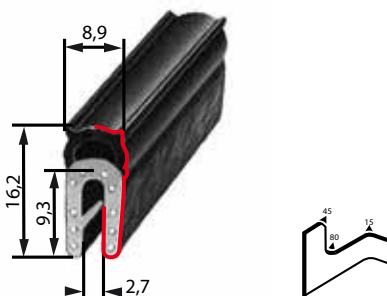
Partnumber 6565	
Available type	W, F, H
Clamping range	1 - 3 mm
Material	EPDM, 60 ± 5 shore A



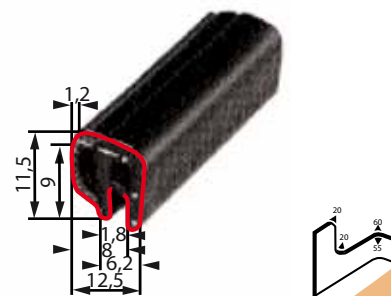
Partnumber 6569	
Available type	W, F, H
Clamping range	1 - 3 mm
Material	EPDM, 60 ± 5 shore A



Partnumber 6562	
Available type	W, F, H
Clamping range	1 - 3 mm
Material	EPDM, 60 ± 5 shore A



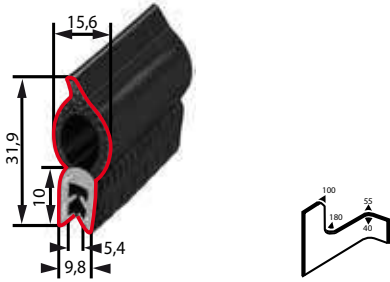
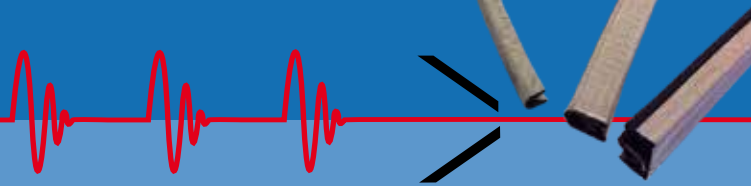
Partnumber 6566	
Available type	W, F, H
Clamping range	0,5 - 2 mm
Material	EPDM, 60 ± 5 shore A



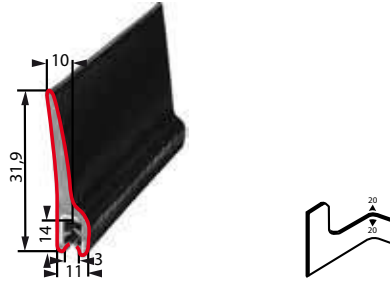
Partnumber 6570	
Available type	W, F, H
Clamping range	1 - 2 mm
Material	EPDM, 60 ± 5 shore A

Clip-on gaskets 6500

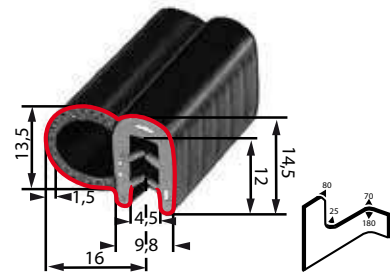
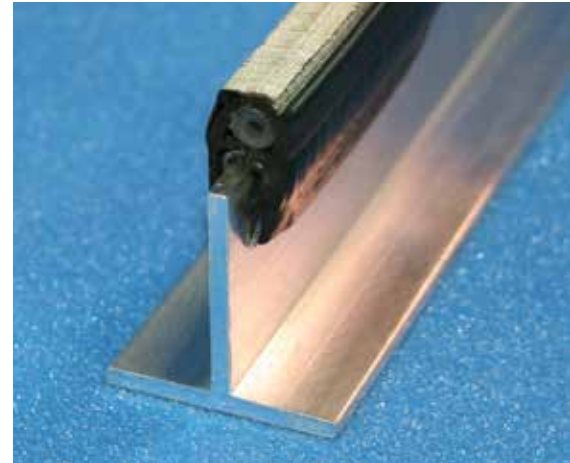
Dynamic section



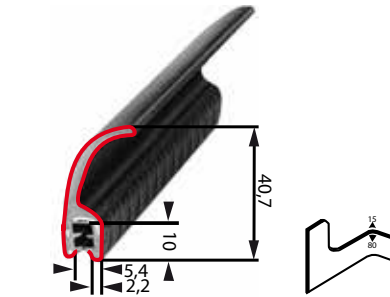
Partnumber 6571	
Available type	F, H
Clamping range	2,5 - 3,5 mm
Material	EPDM, 60 ± 5 shore A



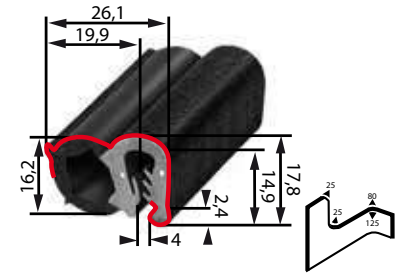
Partnumber 6575	
Available type	F, H
Clamping range	2 - 4 mm
Material	EPDM, 70 ± 5 shore A



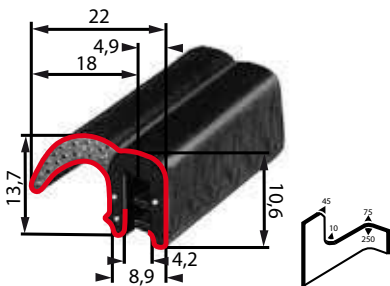
Partnumber 6572	
Available type	F, H
Clamping range	1,5 - 3 mm
Material	EPDM, 60 ± 5 shore A



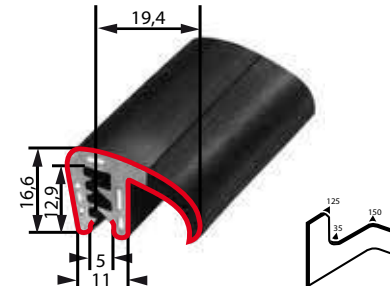
Partnumber 6576	
Available type	F, H
Clamping range	2 - 4 mm
Material	EPDM, 60 ± 5 shore A



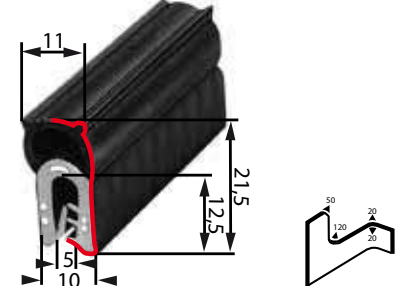
Partnumber 6579	
Available type	W, F, H
Clamping range	1 - 3 mm
Material	EPDM, 70 ± 5 shore A



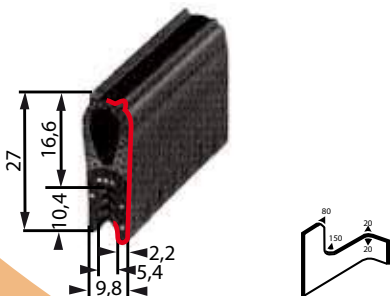
Partnumber 6573	
Available type	F, H
Clamping range	2 - 3 mm
Material	EPDM, 60 ± 5 shore A



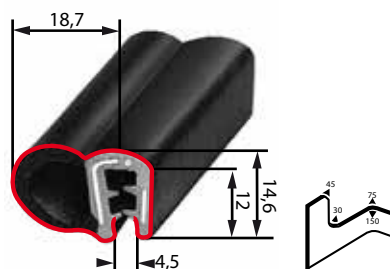
Partnumber 6577	
Available type	F, H
Clamping range	2 - 4 mm
Material	EPDM, 60 ± 5 shore A



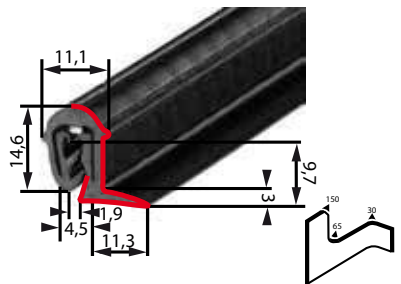
Partnumber 6580	
Available type	W, F, H
Clamping range	1 - 3 mm
Material	EPDM, 60 ± 5 shore A



Partnumber 6574	
Available type	W, F, H
Clamping range	1 - 3 mm
Material	EPDM, 60 ± 5 shore A



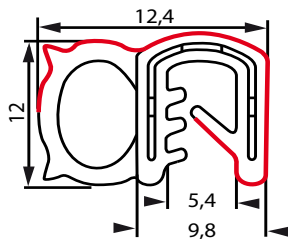
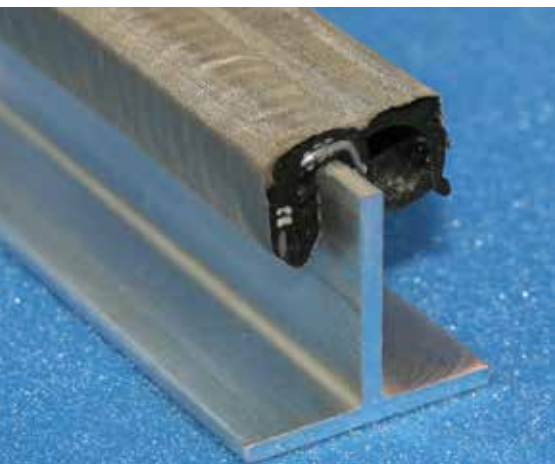
Partnumber 6578	
Available type	F, H
Clamping range	2 - 4 mm
Material	EPDM, 60 ± 5 shore A



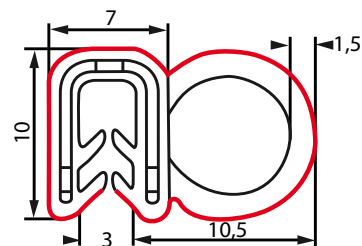
Partnumber 6581	
Available type	W, F, H
Clamping range	1 - 2,5 mm
Material	EPDM, 60 ± 5 shore A

Clip-on gaskets 6500

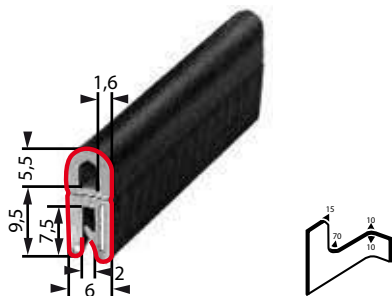
Dynamic section



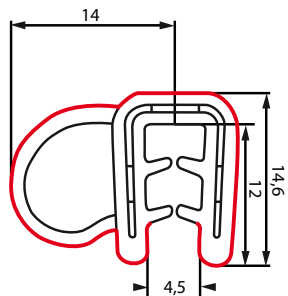
Partnumber 6586	
Available type	W, F, H
Clamping range	1 - 3,5 mm
Material	EPDM, 60 ± 5 shore A



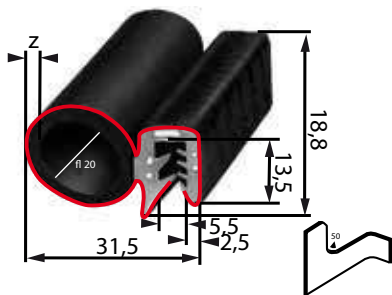
Partnumber 6591	
Available type	F, H
Clamping range	0,5 - 2 mm
Material	EPDM, 60 ± 5 shore A



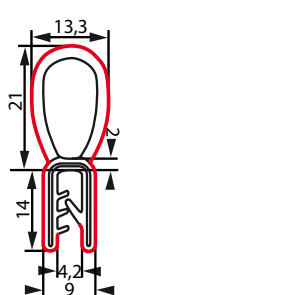
Partnumber 6582	
Available type	F, H
Clamping range	1 - 2 mm
Material	EPDM, 60 ± 5 shore A



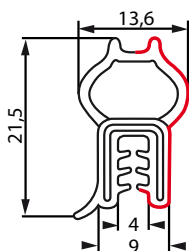
Partnumber 6587	
Available type	F, H
Clamping range	1 - 3 mm
Material	EPDM, 60 ± 5 shore A



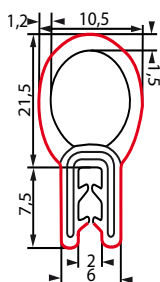
Partnumber 6583	
Available type	F, H
Clamping range	1,5 - 3 mm
Material	EPDM, 60 ± 5 shore A



Partnumber 6588	
Available type	F, H
Clamping range	1 - 3 mm
Material	EPDM, 70 ± 5 shore A



Partnumber 6584	
Available type	W, F, H
Clamping range	1 - 3 mm
Material	EPDM, 60 ± 5 shore A



Partnumber 6589	
Available type	F, H
Clamping range	0,5 - 1,5 mm
Material	EPDM, 60 ± 5 shore A

Ordering information

When you want to order a conductive flexible edge protector please specify the following.
For example

Part number	Type
6551	F
Please specify the type from the tables	W : water seal F : fully wrapped H : heavy duty

EMC helpdesk
phone +31-78 613 13 66
info@hollandshielding.com

24 - hrs sample service

Send a drawing of the overall enclosure with fixings and details of the gap/gasket location; enclose your full address + tel./fax nrs. we will send a sample within 24 hrs.

24 - hrs quote service

Send type or drawings and quantities in m/pcs, if possible with specifications or product type of any competitor.

Holland Shielding Systems BV
P.O. Box 730
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The Netherlands
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Fax : +31-78-614 95 85
Internet: <http://www.hollandshielding.com>
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Holland Shielding Systems BV