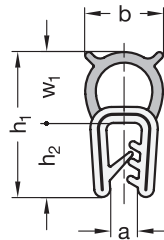
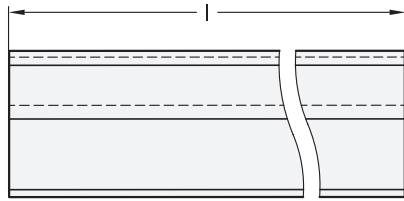
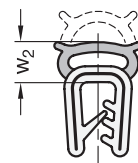
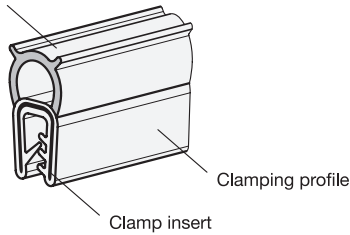


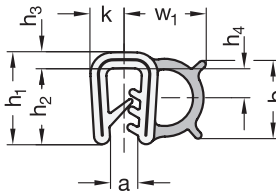
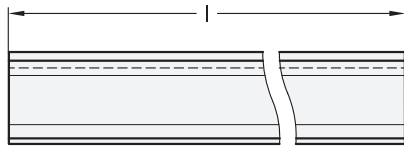
Type A



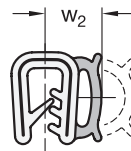
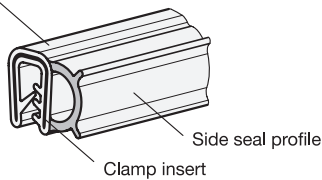
Upper seal profile



Type D



Clamping profile



3 Type

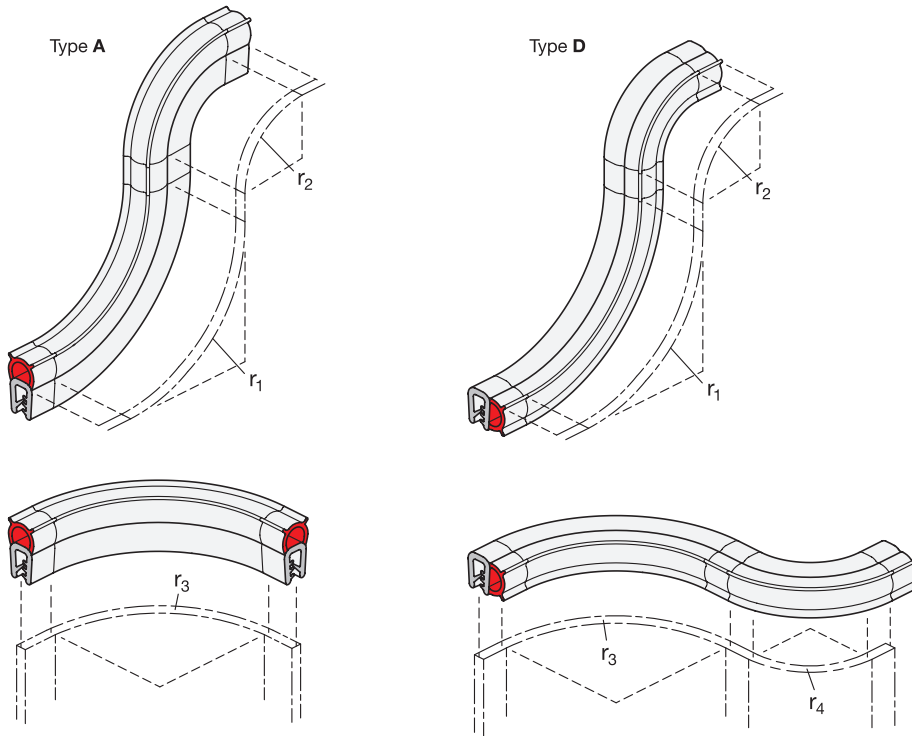
- A Upper seal profile
- D Side seal profile

2 4

Type A										
h_1	Cutting length l in meters		a Clamping area	b	h_2	r_1	r_2	r_3	w_1	w_2 up to 50% permissible deformation
15,5	20	50	0,8 - 2,5	8,5	9	80	50	20	6,5	5
20,5	20	50	1 - 3,5	11	10,5	90	50	30	10	7

2 4

Type D														
h_1	Cutting length l in meters		a Clamping area	b	h_2	h_3	h_4	k	r_1	r_2	r_3	r_4	w_1	w_2 up to 50% permissible deformation
11,5	20	50	0,8 - 2,5	8,75	9	2,5	3,75	4	30	40	80	40	8,5	6,75
13	20	50	1 - 3,5	11	10,75	2,25	4,5	4,75	40	50	100	80	11,25	8,75



Specification



- Clamping profile / Sealing profile
Ethylene propylene diene rubber **EPDM**
- black
- Clamping profile hardness 65±5 Shore A
- Sealing profile hardness 25±5 Shore A
- temperature resistant -40 °C to 100 °C
Acrylonitrile butadiene rubber **NBR**
(only for sizes $h_1 = 20,5$ and 13)
- black
- Clamping profile hardness 60±5 Shore A
- Sealing profile hardness 25±5 Shore A
- temperature resistant -30 °C to 100 °C
- Clamp insert
Steel wire polyester clamping band
- Elastomer characteristics
→ Main catalogue Page 1140
- RoHS compliant

Information

GN 2180 edge protection seal profiles can be used to seal doors, covers and hatches. The profiles are pressed by hand onto the front of metal sheets and plates. The embedded clamp insert prevents detachment. Glue or other adhesives are not required.

When assembled, the profile should deform slightly according to w_2 . This ensures an optimal seal. Adherence to the guideline placement radii ($r_1...r_4$) is recommended in order to ensure a tight profile seal and to make assembly easier.

The NBR profiles are recommended for use in cases where contact with fuels, oils or coolants can occur.

EPDM profiles are certified according to UL 50 and UL 94-HB and are therefore approved for the US-American and the Canadian market.

see also...

- Technical information → Page 5
- Edge protection seal profiles GN 2182 → Page 10
- Edge protection profiles GN 2184 → Page 14

How to order





GN 2180-EPDM-11,5-D-20

1	Material
2	h_1
3	Type
4	Length l