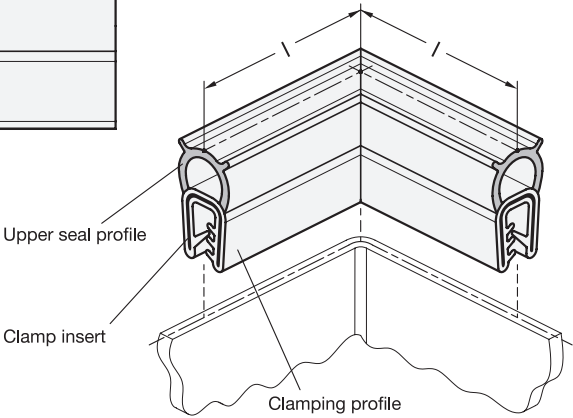
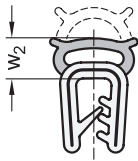


Type A

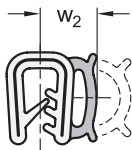
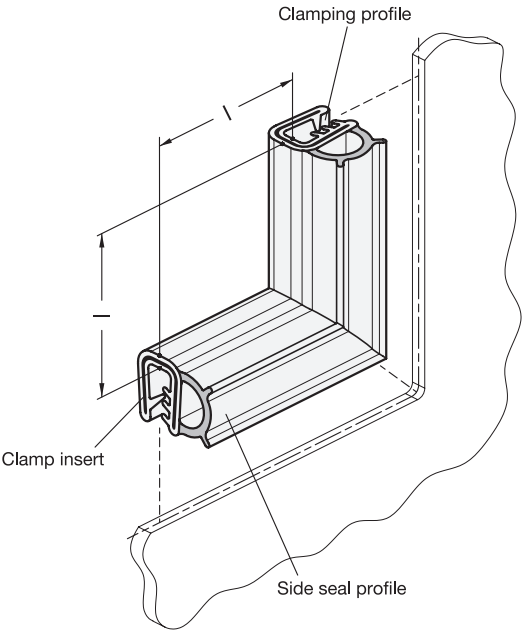
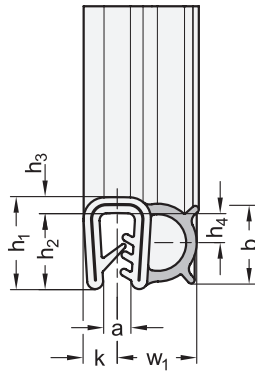


3 Type

- A Upper seal profile
D Side seal profile



Type D



2

4

Type A

h ₁	Length l				a Clamping area	b	h ₂	w ₁	w ₂ up to 50% permissible deformation
20,5	160 ±2	250 ±2,5	400 ±3,2	630 ±4	1 - 3,5	11	10,5	10	7

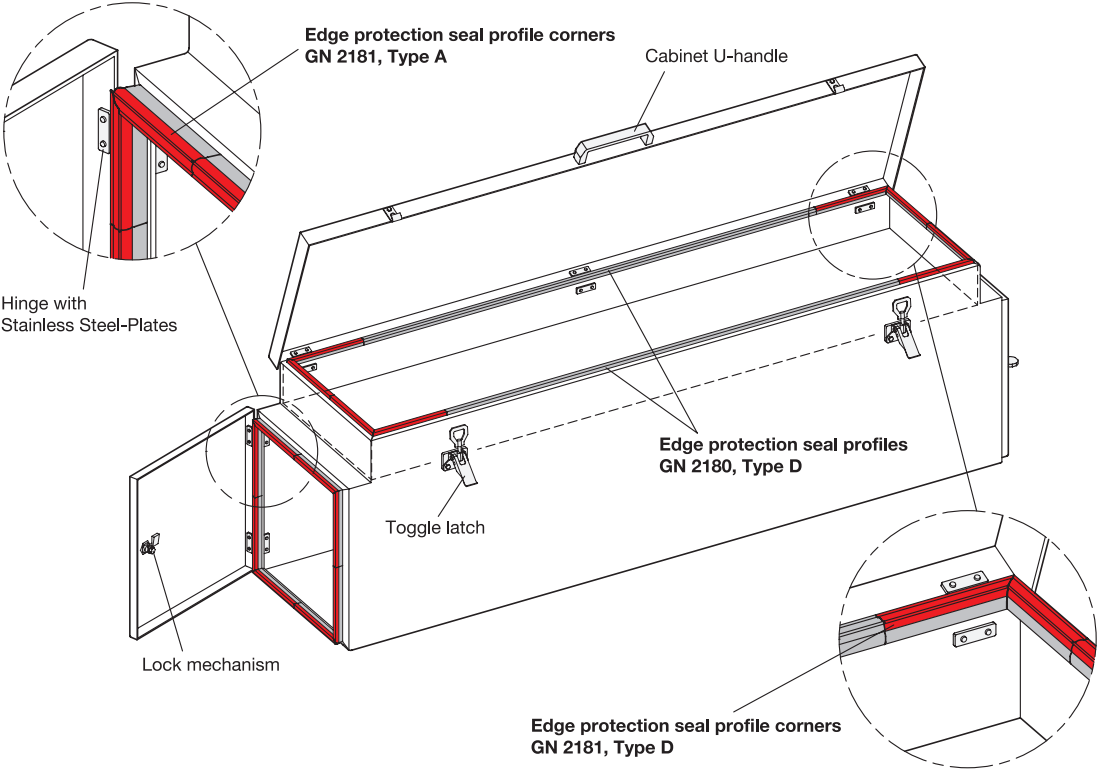
2

4

Type D

h ₁	Length l				a Clamping area	b	h ₂	h ₃	h ₄	k	w ₁	w ₂ up to 50% permissible deformation
13	160 ±2	250 ±2,5	400 ±3,2	630 ±4	1 - 3,5	11	10,75	2,25	4,5	4,75	11,25	8,75

Application example



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**
 - 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 → Page 1483*
- **RoHS**

On request

- Edge protection seal profile segments, vulcanized, e.g. in U or Z shape
- Edge protection seal profile frame, vulcanized, closed, e.g. in round or square shape

Information

With edge protection seal profiles corners GN 2181, right-angle sealing paths can be quickly and easily implemented without a minimum laying radius or manual „free-cutting“ of the profile. The corner joint is sealed and firmly attached thanks to vulcanization.

The leg length l can be shortened or extended with the corresponding section of GN 2180. Installed “compressed” with an excess dimension of about 1% of the total length, the joints are tightly fitting and do not require adhesive.

During operation, the profile must experience deformation to dimension w₂ in order to ensure an optimal sealing effect. The profiles made of NBR are intended for uses in contact with oils, fuels or lubricants.

The EPDM versions are made of UL 50 and UL 94-HB certified edge protector sealing profiles.

see also...

- *Technical information → Page 947*
- *Edge protection seal profiles GN 2180 → Page 948*
- *Edge protection seal profiles GN 2182 → Page 950*
- *Edge protection profiles GN 2184 → Page 954*

How to order		1	Material
	2	h ₁	
	3	Type	
	4	Length l	
GN2181-NBR-20,5-A-400			