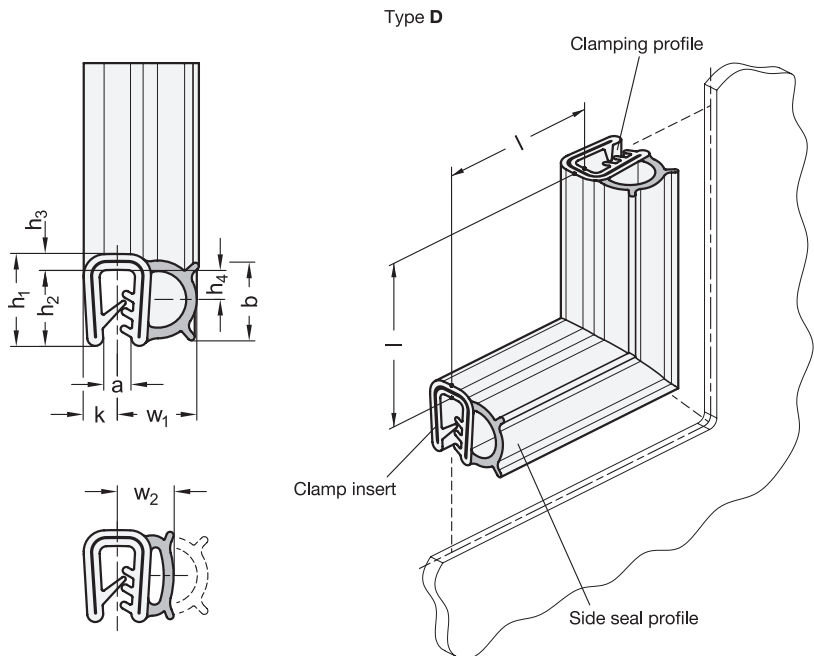


3 Type

- A** Upper seal profile
- D** Side seal profile



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 from -40 °F to +212 °F (-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 from -22 °F to +212 °F (-30 °C to +100 °C)
- Clamp insert
Steel wire polyester clamping band
- *Elastomer Characteristics* → page 2135
- RoHS compliant

Information

With GN 2181 edge protection seal profile corners, 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 adhered by vulcanization.

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

During operation, the profile must experience deformation to dimension *w*₂ 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 and are therefore approved for the US American and the Canadian market.

How to order	
1 Material	
2 Height <i>h</i> ₁	
3 Type	
4 Length <i>l</i>	
GN2181-NBR-20.5-A-400	

Metric table

Dimensions in: millimeters - inches

Type A												
h_1	Length l				a	b	h_2	w_1	w_2			
					Clamping range					At up to 50% of permissible deformation		
20.5 0.81	160 ±2 6.30 ±0.079	250 ±2.5 9.84 ±0.098	400 ±3.2 15.75 ±0.126	630 ±4 24.80 ±0.157	1 - 3.5 0.04 - 0.14	11 0.43	10.5 0.41	10 0.39	7 0.28			

Type D												
h_1	Length l				a	b	h_2	h_3	h_4	k	w_1	w_2
					Clamping range							At up to 50% of permissible deformation
13 0.51	160 ±2 6.30 ±0.079	250 ±2.5 9.84 ±0.098	400 ±3.2 15.75 ±0.126	630 ±4 24.80 ±0.157	1 - 3.5 0.04 - 0.14	11 0.43	10.75 0.42	2.25 0.09	4.5 0.18	4.75 0.19	11.75 0.46	8.75 0.34

Application example

