

Edge Protection Profiles

Materials **NBR / MVQ (Silicone)**, FDA Compliant

SPECIFICATION

Profile

Acrylonitrile butadiene rubber **NBR**

- FDA compliant
- Blue, RAL 5012 **BL**
- Hardness 70±5 Shore A
- Temperature resistant from -30 °C to 100 °C

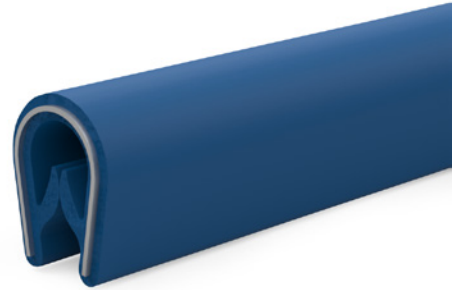
Profile

Silicone rubber **MVQ**

- FDA compliant
- Blue, RAL 5010 **BL**
- Hardness 60±5 Shore A
- Temperature resistant from -50 °C to 200 °C

Clamping insert

Stainless steel wire polyester clamping band AISI 304



INFORMATION

Edge protection profiles GN 2194 are installed on the front edge of metal sheets and plates. They protect the surfaces from damage by sharp edges. The edge finish additionally achieves an optical decorative effect, while the need for potential further treatment such as burring and chamfering of cut or laser-cut metal sheets is reduced to an absolute minimum.

Thanks to the use of FDA compliant materials, the profiles are suitable for applications with corresponding requirements. In addition to approval as per FDA 21 CFR 177.2600, the silicone version satisfies the guidelines of 3-A Sanitary Standard Inc. and DIN ISO 10993.

The profiles made of NBR are particularly suited for applications where they may come into contact with oils, greases, or similar fluids.

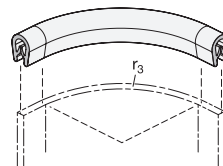
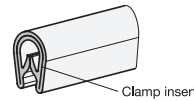
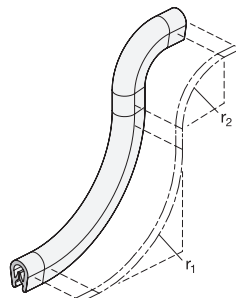
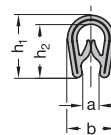
Adhering to the guideline placement radii ($r_1...r_3$) is recommended in order to guarantee permanent profile placement and to make assembly easier. Assembly can be carried out by hand, or alternatively with a soft-face hammer. The embedded clamp insert prevents it from detaching. Glue or other adhesive is not required.

ON REQUEST

- Material MVQ in other colors

TECHNICAL INFORMATION

- Plastic Characteristics (see page A2)
- Stainless Steel Characteristics (see page A26)



GN 2194

Description	h ₁	Length l in meters	a Clamping range	b	h ₂	r ₁	r ₂	r ₃	⚖
GN 2194-NBR-9,5-BL-20	9.5	20	1 - 2	6.5	8	15	15	15	1400
GN 2194-NBR-14-BL-20	14	20	1 - 4	10.5	12	25	20	20	2410
GN 2194-MVQ-9,5-BL-20	9.5	20	1 - 2	6.5	8	25	25	12	1010
GN 2194-MVQ-14-BL-20	14	20	1 - 4	10.5	12	30	45	15	1660