

# ExpertLine

## Safety edges with integrated switching contact

### Safety edges for experts, by experts

Safety edges on automatic gates and doors prevent people from becoming injured and vehicles from sustaining damage. They need to spring into action the instant they are required, deforming until the gate drive is able to stop the dangerous movement. With this in mind, ExpertLine products deliver quick response times and are designed for maximum overtravel and flexible plasticity. Not only does it meet normative requirements, but ExpertLine also boasts a fully concealed mounting profile that enables it to blend discreetly into ambitious gate designs. The material they are made from, EPDM, is highly durable and maintains its mechanical and colour-fast properties over many years.

### Pre-assembled, as an edge kit, or for self-assembly

ExpertLine pressure-sensitive edges are tailor-made for your requirements: they can be either preassembled as products cut to length, supplied in kits at a standard length of 2 m, or provided as a modular system for simple self-assembly.



## Benefits

### Highly sensitive

Thanks to the innovative profile cross-section and short contact actuating, ExpertLine pressure-sensitive edges respond even at low actuating forces. ExpertLine profiles possess large effective activation areas and angles – essential for devices such as folding gates.

### Economical

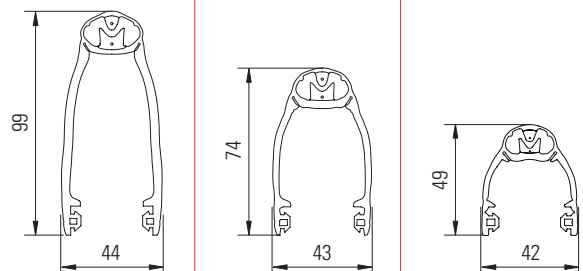
The plug-in contact end pieces allow ExpertLine safety edges to be assembled in a matter of minutes. The trigger-safe screw-fit plug connections and plug-on profile end caps also ensure very short assembly times on the gate or door – even while servicing is being performed.

### Appealing

The extended overtravel makes it possible to choose the smallest available profile height for the application. ExpertLine profiles cover the aluminium profile fully and can be integrated discreetly into ambitious gate designs.

## ExpertLine profile types

### Dimensions



<b>Contact profile</b>	EP45x99A1	EP45x74A1	EP45x49A1
<b>Article no.</b>	389087	389109	389110
<b>Weight</b>	1.28 kg/m	0.89 kg/m	0.64 kg/m
<b>Mounting profile</b>	AP-G1	AP-G1	AP-G1
<b>Safety edge</b>	EL45x99A1x	EL45x74A1x	EL45x49A1x
<b>Actuating force <sup>1)</sup> (200 mm/s)</b>	< 40 N	< 45 N	< 50 N
<b>Pre-travel <sup>1)</sup> (200 mm/s)</b>	< 3 mm	< 3 mm	< 3 mm
<b>Overtravel <sup>1)</sup> (400 N, 10 mm/s)</b>	> 72 mm	> 46 mm	> 26 mm

<sup>1)</sup> acc. to EN ISO 13856-2, temp. 23°C, test object ø 80 mm, measuring point C3