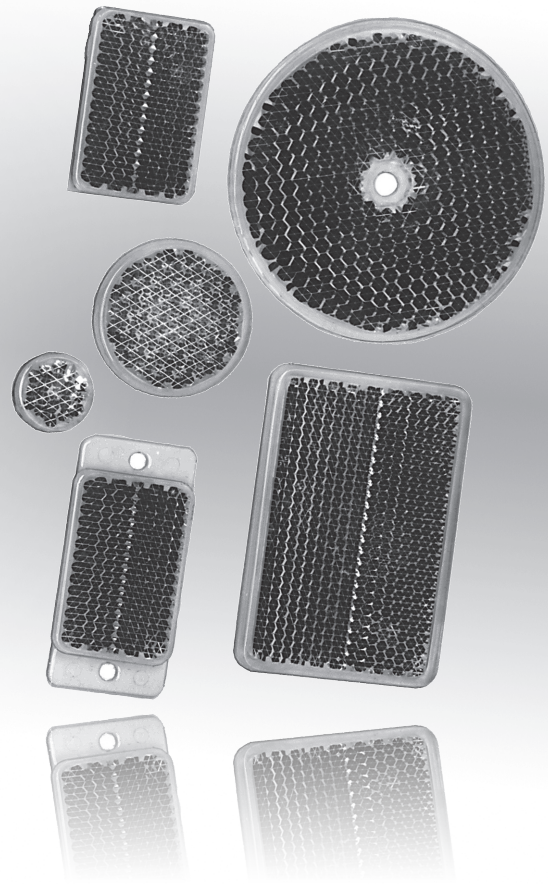


reflector	round	Ø20 to Ø82mm
	cuboid	31 x 46mm to 100mm x 100mm
reflective film	cut goods	wide 18mm to wide 75mm

- ✓ reflector with heating
- ✓ self-adhesive or screw mounting
- ✓ special designs on request
- ✓ self-adhesive reflective-films with high reflectivity
- ✓ can be cut to any desired length



**reflectors in many designs
for normal and polarization light**

description

Made of weatherproof, transparent and UV-stabilized plastic PMMA, the ipf reflectors are based on the prismatic reflector concept.

The structure of the reflectors consists of many small pyramidal mirrored recesses of a plastic surface.

These structures have the property that respectively three mirrors are perpendicular to each other (triple). These radiate incident light back to the light source (retro-reflection).

The careful processing of the ipf reflectors in the injection molding process and the low-tension manufacturing ensure an exact formation of all triple surfaces and a high angular accuracy of the triples. As a result, incident light is reflected back from larger distances and from different angles with a little loss as a light beam to the light source.

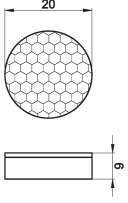
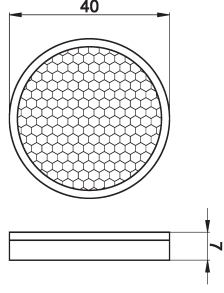
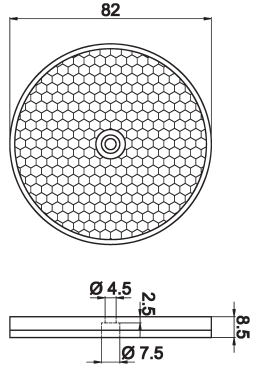
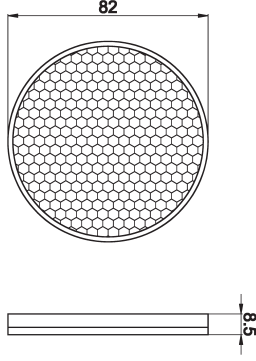
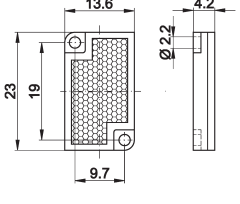
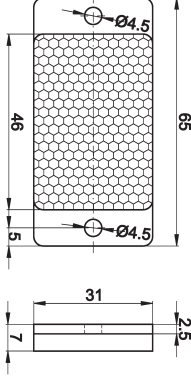
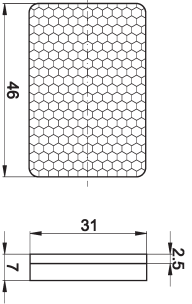
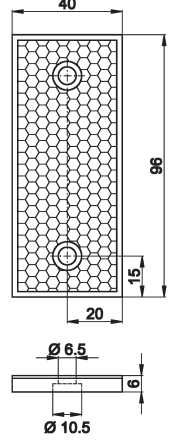
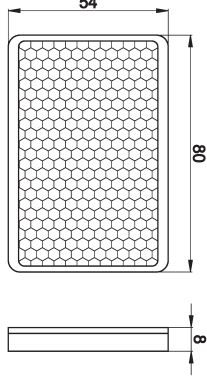
The reflective surfaces of the reflectors are smooth. The triples are located on the rear side of the supervisory surfaces and are protected by another rear cover plate.

Due to the high-quality plastic used and the tight welding of the reflector parts in the ultrasonic process, a long life is guaranteed. Our product range includes a number of special reflectors in many dimensions and with different prism systems.

Special designs of special reflectors are possible for a wide variety of applications.

application examples

- ▶ use in conjunction with reflex barriers
- ▶ achieving large ranges
- ▶ gate entrance monitoring

article no.	AO000004	AO000005	AO000006
version	reflector, \varnothing 20mm	reflector, \varnothing 40mm	reflector, \varnothing 82mm
mounting	self-adhesive	self-adhesive	bore \varnothing 4mm
temperature (operating)	-25 ... +70°C	-25 ... +70°C	-25 ... +70°C
			
article no.	AO000007	AO000083	AO000014
version	reflector, \varnothing 82mm	reflector 13.8mm x 23mm micro prism	reflector, 31mm x 65mm
mounting	self-adhesive	bore 2x \varnothing 2.2mm	bore \varnothing 4.5mm
temperature (operating)	-25 ... +70°C	-25 ... +70°C	-25 ... +70°C
			
article no.	AO000015	AO000016	AO000017
version	reflector, 31mm x 46mm	reflector, 40mm x 96mm	reflector, 54mm x 80mm
mounting	self-adhesive	2 x bore \varnothing 6.5mm	self-adhesive
temperature (operating)	-25 ... +70°C	-25 ... +70°C	-25 ... +70°C
			

article no.	AO000018	AO000025
version	reflector, 50mm x 122mm	reflector, 50mm x 100mm
mounting	2 x bore \varnothing 4.5mm	self-adhesive
temperature (operating)	-25 ... +70°C	-25 ... +70°C
article no.	AO000026	AO000027
version	reflector, 80mm x 120mm	reflector, 100mm x 100mm
mounting	2 x bore \varnothing 6.5mm	self-adhesive
temperature (operating)	-25 ... +70°C	-25 ... +70°C
article no.	AO000152	AO000153
version	reflector, 60.3mm x 51.4mm	reflector, 122mm x 49.5mm
mounting	2x oblong hole \varnothing 4.8mm	2x bore \varnothing 4.5mm
temperature (operating)	-25 ... +100°C	-25 ... +100°C

NOTES

