

Quality standard for car rear view mirrors (for exterior mirrors)

Configuration according order/ drawing

Conditions for visual inspection: Distance for visual evaluation: appr. 70 cm (armlength)

Position: fitting position on vehicle

Lighting: diffuse daylight

Main production tolerances:

Profile size tolerance: Profile size measured with maximum size gauge,
Tolerance all around +0 / -0.4 mm

Edge working: Seaming size 0.6 mm +/- 0.4 mm x 45°

Shatterproof application: Adhesive tape acc. drawing
Tolerance for gap between seaming edge and tape: 0 up to 2 mm

Attributes at visual surface check:

Type of defect	Size of single defect	max. acceptable number of defects in a mirror
point defects glass defects pinholes etc.	$\varnothing \leq 0.2 \text{ mm}$ $0.2 < \varnothing \leq 0.3 \text{ mm}$ $\varnothing > 0.3 \text{ mm}$	3 1 none
Hairline scratches	with ca. 0.02 mm length max. 25 mm	Entire length max. 50 mm
Chips	length max. 1.0 mm with < 0,2 mm $0.2 \leq \text{with} \leq 0,4 \text{ mm}$	several no "beads effect" 1
Distortion	not acceptable	

Max. acceptable total number of defects in a single mirror: 3