MOONSTAR BRAKE SYSTEMS

D1363-8472 Heavy-Duty Brake Pads

Public technical data sheet for commercial-vehicle sourcing and sample approval. Use the current signed drawing and production-batch report as controlling documents.

Field	Confirmed value
Part reference	D1363-8472
WVA references	29125; 29202
OE references	0044206020; 0064201120
Vehicle fitment	Mercedes-Benz Actros; Mercedes-Benz Antos
Friction material	Low-Metallic
Dimensions (L x W x T)	247.5 x 109.5 x 30 mm
Certification	ECE R90 Certified; IATF 16949
Shear strength	>2.5 MPa

Dimensional verification

Nominal dimensions are 247.5 mm length, 109.5 mm width and 30 mm thickness. Measure production samples against the current controlled drawing, including backing-plate profile, slot and chamfer geometry, hole locations and overall thickness tolerance.

Application and approval checks

Match WVA 29125 / 29202 and OE 0044206020 / 0064201120 against model year, axle, caliper and vehicle build data. For ECE R90 and IATF 16949 review, confirm the current certificate, technical annex, production-site scope and marking before volume release.

Shear-strength evidence

The stated shear strength is greater than 2.5 MPa. The exact-SKU report should identify the test method, conditioning, bonded area, specimen count and failure mode so the buyer can reproduce the acceptance decision.

Recommended sample-approval pack

1	Signed dimensional drawing and revision
2	WVA / OE cross-reference and vehicle application schedule
3	Low-metallic formulation identification and change-control record
4	ECE R90 approval documents and IATF 16949 site-scope evidence
5	Shear-strength, dimensional and batch inspection reports
6	Packaging, marking, traceability and approved sample photographs

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