

TUOLIN

BASALT FIBER TAPE

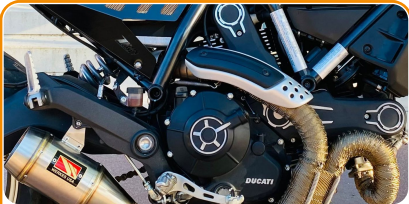
TECHNICAL DATA SHEET

For motorcycle and automotive exhaust wrapping
Revision 01 | Issued 2026-09-02



NATURAL TITANIUM / BRONZE TONE

APPLICATION REFERENCE



MOTORCYCLE EXHAUST



AUTOMOTIVE ENGINE BAY



WRAPPED EXHAUST MANIFOLD

TECHNICAL PROPERTIES

PRODUCT	Basalt Fiber Tape / Exhaust Wrap	MATERIAL / CONSTRUCTION	Basalt fiber woven tape
STANDARD THICKNESS	1.5 mm + 0.5 mm	STANDARD WIDTH	50 mm + 5 mm
LINEAR MASS	65 g/m ± 5 g/m	WORKING TEMPERATURE	650°C (supplier-stated)
ROLL LENGTH	5 m / 10 m / 15 m	ROLL WEIGHT	325 g / 650 g / 975 g ± 5%
COLOR	Natural titanium / bronze tone	APPLICATION	Motorcycle and automotive exhaust components

MATERIAL COMPOSITION & DOCUMENTED REFERENCE

BASALT FIBER COMPOSITE - SUPPLIER-STATED COMPOSITION

Al ₂ O ₃	15-17%	SiO ₂	51-54%	CaO	7.5-10%
MgO	5.5-7.5%	TiO ₂	1-2%	Fe ₂ O ₃	8.5-10.5%
Na ₂ O + K ₂ O	3-5%	LOI	< 1.5%	FORM	Woven tape

Documented reference: CCF20241017 fire-resistance test report is available in the company technical file.
Values above are supplier-stated product characteristics; confirm final suitability against the actual operating condition.

SUPPLIED BY TUOLIN | OEM / PRIVATE LABEL / BULK SUPPLY

Specifications may be updated after product or process confirmation.

KEY PRODUCT BENEFITS

01

ECONOMICAL

Cost-effective heat-resistant wrap for routine exhaust projects.

02

NATURAL COLOR

Distinct titanium / bronze appearance without added surface color.

03

FLEXIBLE WRAP

Woven tape format follows curved exhaust components during installation.

04

BASALT FIBER

Basalt fiber composite construction for automotive heat-management applications.

MANUFACTURER

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