



INSTITUT GUMÁRENSKÉ TECHNOLOGIE A TESTOVÁNÍ, A.S.
RUBBER TECHNOLOGY AND TESTING INSTITUTE, Plc.
INSTITUT FÜR GUMMITECNOLOGIE UND PRÜFWESEN, A.G.
A.O. «ИНСТИТУТ ТЕХНОЛОГИИ РЕЗИНЫ И ИСПЫТАНИЙ»

Společnost je zapsána v obchodním rejstříku vedeném Krajským soudem v Brně, oddíl B, vložka 818



Zlín 17th March 2025

E8*75R00/20*1775*00

Yokohama TWS Slovenija d.o.o.
Škofjeloška cesta 6
4000 Kranj
SLOVENIA

Communication concerning the approval and notification of approval number and inspection report issued by Inspection body IGTT

Tyre type fully complies requirements of ECE/UN R75.

Enclosed you will find the Communication concerning the approval of your tyres according to ECE/UN Regulation No. 75

On the base of this approval you are entitled to produce in your factory tyres of the dimension:

150/70R18 MITAS ENDURO TRAIL-ADV 2 70V

with the approval number : **E8 75R - 001775**

date of inspection : **17th March 2025**

inspector's name : **Václav Hořelka**

Sincerely yours,



Václav Hořelka

Head Of Tyre Approval Department
Head Of Inspection Body IGTT

**APPLICATION FOR APPROVAL OF A TYPE OF PNEUMATIC TYRE
FOR MOTORCYCLES AND MOPEDS ACCORDING TO ECE REGULATION No. 75**

E8 75R – 001775

4.1.1. Tyre size designation:	150/70R18
4.1.2. Manufacturers name, tyre name:	MITAS, ENDURO TRAIL-ADV 2
4.1.3. The category of use:	SNOW
4.1.4. Structure (diagonal, bias belted, radial):	RADIAL
4.1.5. The speed category:	V
4.1.6. The load-capacity index of the tyre:	70
4.1.7. Tube type or Tubeless:	TUBELESS/TUBE TYPE
4.1.8. Normal or Reinforced:	NORMAL
4.1.9. Ply rating number of tyres for motorcycle derivatives:	TREAD: 2 POLYESTER+ 1 STEEL SIDEWALL: 2 POLYESTER
4.1.10. The overall dimensions overall section width: overall diameter:	Overall section width: 148.9 mm Overall diameter: 670 mm
4.1.11. The rims on which the tyre can be mounted:	4.00x18, 4.25x18, 4.50x18
4.1.12. The measuring rim and test rim:	4.50x18
4.1.13. The test and measurement pressure	Test pressure: 350 kPa Measuring pressure: 280 kPa
4.1.14. Factor x	0.7
4.1.15. Max allowed speed for load-capacity defined in 4.1.6.	240 km/h

Manufacturer's name and address:

Tyre Manufacturer (1)

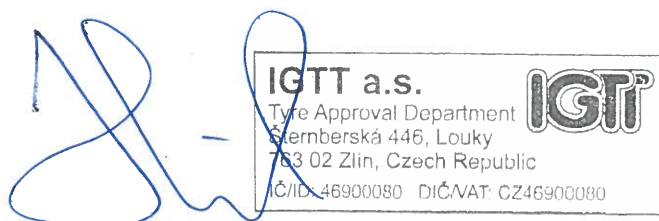
Yokohama TWS Slovenija d.o.o.
Škofjeloška cesta 6,
4000 Kranj, Slovenia

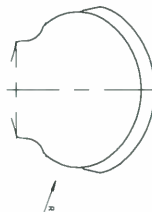
Tyre Manufacturer (2)

Reise Mitas Tires LLP
Plot No. 521, Sayakha Industrial Estate,
Near Village Juned, Taluka Vagra,
Dist. Bharuch, Gujarat, Pin-392140, India

Tyre Manufacturer (3)

Yokohama TWS Czech Republic a.s.
Vavrečkova 7248
760 02 Zlin, Czech Republic

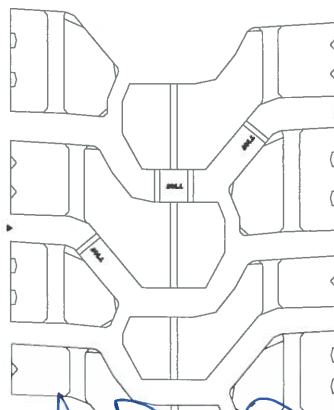
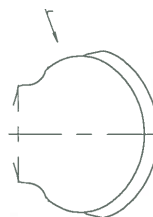


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Tyre Approval Department
Šternberská 446, Louky
763 02 Zlín, Czech Republic

IC/ID: 46900080 DIČ/VAT: CZ46900080





OVERALL (open) MITAS ENDURO TRAIL-ADV 2 PATTERN

IGTT a.s.
Tyre Approval Department
Sternberská 446, Louky
763 02 Zlín, Czech Republic



IC/ID: 46900080 DIČ/VAT: CZ46900080

[illegible]



TEST REPORT No. 2025 - 431

TTC Zlín, Šternberská 446, Louky, 763 02 Zlín

Testing Laboratory No.1253, accredited by Czech Accreditation Institute according to ČSN EN ISO/IEC 17025:2018

1. Customer: Yokohama TWS Slovenia, d.o.o.
 Škofjeloška cesta 6
 4000 Kranj
 Slovenia
 Responsible: Mr. Gubanc
 Test motive: Prototype tyres P-02/25 No.V1 #4,5,7,8,9,10, V2 #2 (ECE homologaci)

Requirement No.: BG/25005
Dept.: Moto Kranj **Task:** 01E/2025/BG
Project No.: 70001385
Application date: 24.01.2025
Report issue date: 03.02.2025

2. Tested sample: Tyre
 Sort: M Ident. No.: 60131
 Dimension 150/70R18 Name: Mitas Enduro Trail-ADV 2
 Designation 1., V1, 10 Product: YTWS Slovenia Approval E8 75R 001775
 LI: 70 SS: V IP: 290 kPa PR LR: B Type TL/TT M+S M
 Weight: 6,76 kg Measuring rim 4,25x18 DOT: 1H3 DOP: 0225

3. Test: Sidewall lettering inspection
 Method: KPB-M-003 accredited

4. Test condition: Testing machine: - Drum: - mm Ambient temperature: 25±5°C
 Testing rim: Inflation: kPa
 Load: daN Drum speed: km/h Slip: 0° Camber: 0°
 Cycle min/max: Track min/max: km

5. Results: See appendix of protocol 2025-431.

Undergo cycles: Undergo track: km

6. Evaluation: Criterion defined in ECE-R75 and other standards
 U = 0,5 mm

U: Expanded uncertainty = multiplying the combined standard uncertainty by a coverage factor k=2, what for normal distribution have a level of confidence of 95%

7. Appendix: 1. Tyre lettering inspection

8. Warning: Test results are concerning this sample only. It is strongly prohibited to copy any part of this report without permission of the Testing Laboratory. The results apply to the sample as received. All tests are performed in lab permanent facility. The laboratory is responsible for all the information provided in the report, except the "designation" which is provided by customer.

Approved by: Laboratory quality manager Ing. Petr Husták, Ph.D.



Sample No.: 60131 Size: 150/70R18 Mitas Enduro Trail-ADV Method: KPB-M-003

Date: 31.01.2025

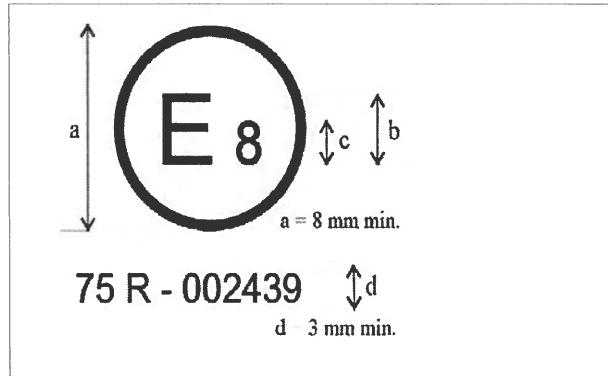
Dimension of approval mark:

diameter of circle: 12 mm

height of letter E: 6 mm

height of number: 4 mm

height of text 75R....: 4 mm

Sidewall lettering:b $\geq$ 4 mm (min): 4 mm

b TUBELESS M + S

Measured where (text): Tubeless

Size designation (text) : Yes

Structure (diagonal/bias belted/radial): R

Trade name (mark): Yes

Speed category (mark): Yes

Load capacity (mark): Yes

Ply rating (mark): No

TUBELESS (text): Yes

REINFORCED or REINF (text): No

M+S or M.S or MaS (mark): Yes

MST (mark): Yes

Date of production (wwyy): Yes

M/C (mark): Yes

MOPED or CYCLOMOTEUR (text): -

(W) for SS>270km/h: No

Running rotation (mark): Yes

Visible defects or damages: No

QC check mark (stamp): Yes

Manuf.name or country of or Yes

TWI markings: Yes

DP (mark): No

NHS (mark): No

TEST REPORT No. 2025 - 440

TTC Zlín, Šternberská 446, Louky, 763 02 Zlín

Testing Laboratory No.1253, accredited by Czech Accreditation Institute according ČSN EN ISO/IEC 17025:2018

1. Customer: Yokohama TWS Slovenia, d.o.o.
 Škofjeloška cesta 6
 4000 Kranj
 Slovenia
 Responsible: Mr. Gubanc
 Requirement No.: BG/25005
 Dept.: Moto Kranj Task: 01E/2025/BG
 Project No.: 70001385
 Application date: 24.01.2025
 Report issue date: 11.02.2025
 Test motive: Prototype tyres P-02/25 No.V1 #4,5,7,8,9,10, V2 #2 (ECE homologaci)

2. Tested sample: Tyre
 Sort: M Ident. No.: 60136
 Dimension 150/70R18 Name: Mitas Enduro Trail-ADV 2
 Designation 6., V2, 2 Product: YTWS Slovenia Approval E8 75R 001775
 LI: 70 SS: V IP: 290 kPa PR LR: B Type TL/TT M+S M
 Weight: 6,8 kg Measuring rim 4,25x18 DOT: 1H3 DOP: 0225

3. Test: Speed test
 Method: RZ-M-003 accredited

4. Test condition: Testing machine: H2L Drum: 2000 mm Ambient temperature: 38±3°C
 Testing rim: MT4,50x18 H2 Inflation: 350 kPa capped
 Load: 182 daN Drum speed: km/h Slip: 0° Camber: 0°
 Cycle min/max: Track min/max: km

5. Results: Without failure.
 Difference of tyre circumference at start and at end of test: 0,0 %

Undergo cycles: 89 255 Undergo track: 185 km

6. Evaluation: Criterion no defects and circumf.difference before and 6h after test max. ±3,5%
 Uinfl = 5 kPa; Utime +1 s; Uspeed = 2 km/h;
 Uload = 5% (40 - 500 daN), 1% (501 - 30000 daN)
 U: Expanded uncertainty = multiplying the combined standard uncertainty by a coverage factor k=2, what for normal distribution have a level of confidence of 95%

7. Appendix: 1. Drum tyre test record

8. Warning: Test results are concerning this sample only. It is strongly prohibited to copy any part of this report without permission of the Testing Laboratory. The results apply to the sample as received. All tests are performed in lab permanent facility. The laboratory is responsible for all the information provided in the report, except the "designation" which is provided by customer.



Approved by: Laboratory quality manager Ing. Petr Husták, Ph.D.

Sample No.: 60136		Dimension: 150/70R18		Mitas Enduro Trail-		Test: RZ-M-003							
ID No.	Test stage	Date time dd.mm.rrrr hh.mm.ss	Step duration hhh:mm:ss	Test duration hhh:mm:ss	Speed km/h	Load daN	Inflation kPa	Radius mm	Surface °C	Room °C	Distance km	Cycles	Diameter/ deflection mm
1	Start	08.02.2025 13:41:17	000:00:00	000:00:00			350			37,0			672
2	Cont	08.02.2025 14:01:51	000:20:00	000:20:00	105,2	182		327		37,1	35	16 932	9
3	Cont	08.02.2025 14:11:54	000:10:00	000:30:00	210,0	182		328		37,4	70	33 858	8
4	Cont	08.02.2025 14:21:56	000:10:00	000:40:00	220,0	182		328		37,5	107	51 536	8
5	Cont	08.02.2025 14:31:58	000:10:00	000:50:00	230,0	182		328		37,6	145	70 004	8
6	Cont	08.02.2025 14:42:00	000:10:00	001:00:00	240,0	182		328		37,7	185	89 255	8
7	Int:M	08.02.2025 14:50:04	000:08:04	001:00:00						37,4			
8	Int:O	09.02.2025 9:20:30	018:30:27	001:00:00			343			37,4			672
9	End	09.02.2025 9:20:42	000:00:11	001:00:00						37,4			

Tyre width immediately after end of test(mm): 151,9 - 151,5 - 151,5 - 151,7 - 151,7 - 151,4

Change of tyre circumference before test and 6h after test (%): 0,00

Cont=Continuation, Int=Interruption: M-compulsory check, O-operator check, K-radius low limit, H-inflation low limit, T-surface temperature limit, S-tread or sidewall separation, C-cycles limit, D-distance limit, Č-time limit, P-machine problem, A-current increase

TEST REPORT No. 2025 - 1013

TTC Zlín, Šternberská 446, Louky, 763 02 Zlín

Testing Laboratory No.1253, accredited by Czech Accreditation Institute according ČSN EN ISO/IEC 17025:2018

1. Customer: Yokohama TWS Slovenia, d.o.o.
 Škofjeloška cesta 6
 4000 Kranj
 Slovenia
 Responsible: Mr. Gubanc
 Test motive: Prototype tyres P-02/25 No.V2 #1,3,4,6,7,10 (ECE homologacija)

Requirement No.: BG/25008
 Dept.: Moto Kranj Task: 02B/2025/BG
 Project No.: 02B/2025/BG
 Application date: 26.02.2025
 Report issue date: 28.02.2025

2. Tested sample: Tyre
 Sort: M Ident. No.: 60366
 Dimension 150/70R18 Name: Mitas Enduro Trail-ADV 2
 Designation 1, V2, 10, P- Product: YTWS Slovenia Approval E8 75R-001775
 LI: 70 SS: V IP: 290 kPa PR LR: B Type TL M+S MST
 Weight: 6,66 kg Measuring rim 4,25x18 DOT: 1H3 DOP: 0225

3. Test: Measurement of tyre dimensions
 Method: MZR-M-003 accredited

4. Test condition: Testing machine: - Drum: - mm Ambient temperature: 25±5°C
 Testing rim: MT4,50x18 H2 Inflation: 280 kPa
 Load: daN Drum speed: km/h Slip: 0° Camber: 0°
 Cycle min/max: Track min/max: km

5. Results: Overall diameter: 670 mm
 Overall width: 148,9 mm
 Undergo cycles: Undergo track: km

6. Evaluation: Criterion defined in ECE-R75
 Udiam = 1,5 mm; Uwidth = 1,0 mm

U: Expanded uncertainty = multiplying the combined standard uncertainty by a coverage factor k=2, what for normal distribution have a level of confidence of 95%

7. Appendix: 1. Measurement of the tyre dimensions

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Approved by: Laboratory quality manager Ing. Petr Husták, Ph.D.



Annex to protocol No.:2025 - 1013 Measurement of tyre dimensions

Printed: 28.02.2025

Sample No 60366 Tyre size: 150/70R18 Mitas Enduro Tra Method: MZR-M-003

Date of measurement	Tyre		Tyre width at six points on circumference						Overall tyre	
	inflation	cicumf.	1	2	3	4	5	6	width	diameter
	kPa	mm	mm	mm	mm	mm	mm	mm	mm	mm
28.02.2025	280	2 105	148,6	148,9	148,8	148,9	148,6	148,7	148,9	670