



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



PETLAS TIRE INDUSTRY
AND TRADE COMPANY
Kindam Mah.
Ankara-Kayseri Cad No: 2/1
40200 Kirsehir
TURKEY

E8*54R00/24*3186*00

Zlín 22nd April 2022

Communication concerning the approval and notification of approval number – inspection report

Tyre type fully complies requirements of ECE/UN R54.

Enclosed you will find the Communication concerning the approval of your tyres according to ECE/UN Regulation No. **54**

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

14.00R20 PETLAS RM900 PLUS 168/165K

with the approval number : **E8*54R00/24*3186*00**
date of inspection : **22nd April 2022**

Sincerely yours,

IGTT a.s.

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

IČO/ID: 46900080 DIČ/VAT: CZ46900080



Václav Hořelka
Head Of Tyre Approval Department
Head Of Inspection Body HS440

Ministerstvo dopravy České republiky
Ministry of Transport of the Czech Republic
Nábřeží L. Svobody 12, CZ-110 15 Praha 1

OSVĚDČENÍ o ⁽¹⁾:

COMMUNICATION concerning ⁽¹⁾:



UDĚLENÍ HOMOLOGACE

~~ROZŠÍŘENÍ HOMOLOGACE~~

~~ZAMÍTNUTÍ HOMOLOGACE~~

~~ODEBRÁNÍ HOMOLOGACE~~

~~DEFINITIVNÍM UKONČENÍ VÝROBY~~

APPROVAL GRANTED

~~APPROVAL EXTENDED~~

~~APPROVAL REFUSED~~

~~APPROVAL WITHDRAWN~~

~~PRODUCTION DEFINITELY DISCONTINUED~~

Typu pneumatiky pro motorová vozidla podle Předpisu č. 54
Of a type of tyre for motor vehicles to Regulation No. 54

Homologace č.:

Approval No.: **E8*54R00/24*3186*00**

Rozšíření č.:

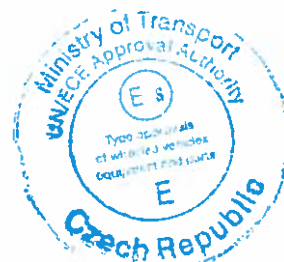
Extension No.: -

- | | | | |
|--------|--|---|---|
| 1. | Název a adresa výrobce
Manufacturer's name and address | : | PETLAS TIRE INDUSTRY
AND TRADE COMPANY
Kindam Mah.
Ankara-Kayseri Cad. No.2/1
40200 Kirsehir, TURKEY |
| 2. | Označení typu pneumatiky ⁽²⁾
Tyre type designation ⁽²⁾ | : | |
| 2.1. | Značka(y) / obchodní značka(y)
Brand name(s) / trademark(s) | : | PETLAS |
| 2.2. | Obchodní popis(y) / obchodní jméno(a)
Trade description(s) / Commercial name(s) | : | RM900 PLUS |
| 3. | Název a adresa zástupce výrobce
(je-li potřebné)
If applicable, name and address of
manufacturer's representative | : | -

N/A |
| 4. | Souhrnný popis
Sumarized description | : | |
| 4.1. | Označení rozměru pláště
Tyre size designation | : | 14.00R20 |
| 4.2. | Kategorie užití ⁽¹⁾
Category of use ⁽¹⁾ | : | normální / zimní / speciální
normal / snow / special |
| 4.3. | Konstrukce ⁽¹⁾
Structure ⁽¹⁾ | : | diagonální / radiální
diagonal / radial |
| 4.4. | Třída pneumatiky ⁽¹⁾
Tyre class ⁽¹⁾ | : | C2 / C3 |
| 4.5. | Kategorie rychlosti
Speed category symbol | : | |
| 4.5.1. | Nominální
Nominal | : | K |
| 4.5.2. | Doplňková (je-li potřebné)
Additional (if applicable) | : | - |



- 4.6. Indexy nosnosti
Load capacity index
- 4.6.1. Odpovídající nominální rychlosti : v jednomontáži 168 ve dvojmontáži 165
Corresponding to nominal speed : single twinned (dual)
- 4.6.2. Odpovídající doplňkové rychlosti : v jednomontáži - ve dvojmontáži -
Corresponding to additional speed : single twinned (dual)
5. Homologační zkušebna a případně zkušební laboratoř schválená pro účely homologace nebo pro ověřování shodnosti : 8/E:
Technical service and where applicable, test laboratory additional approved purposes of approval or of verification of conformity : IGTT a. s. - Institut gumárenské technologie a testování
Rubber Technology and Testing Institute, Šternberská 446, Louky, 763 02 ZLÍN, CZECH REPUBLIC
6. Datum protokolu, vydaného touto zkušebnou :
Date of report issued by that service : 12.04.2022
7. Číslo protokolu, vydaného touto zkušebnou :
Number of report issued by that service : D022-0739
8. Důvod pro rozšíření (je-li potřebné) :
Reason (s) of extension (if applicable) : -
9. Poznámky :
Any remarks : Dodatečné značení M+S, ML a POR
Additional marking M+S, ML and POR
10. Místo :
Place : Praha
11. Datum :
Date : 22.04.2022
12. Podpis :
Signature : Václav Horelka
13. K osvědčení je přiložen seznam dokumentů obsažených v homologačních podkladech uložených u homologačního orgánu, který udělil homologaci, a které lze obdržet na vyžádání.
Annexed to this communication is a list of documents in the approval file deposited at the Approval Authority which has considered this approval and which can be obtained upon request.



Seznam dokumentů
List of documents

- Žádost o udělení homologaci / Request for approval
- Kótovaný profil pneumatiky / Dimensioned tyre cross-section
- Výkresy bočnice a běhounu pláště / Drawing of the tyre sidewalls and tread
- Protokol o zkoušce dle bodu 7. / The test report as mentioned in item 7.

- (1) Nehodící se škrtněte
Delete that which does not apply
- (2) Seznam značek / ochranných známek nebo obchodních popisů / obchodních názvů může být přílohou k tomuto osvědčení
A list of brand name(s)/trademark(s) or trade description(s)/commercial name(s) may be annexed to this communication

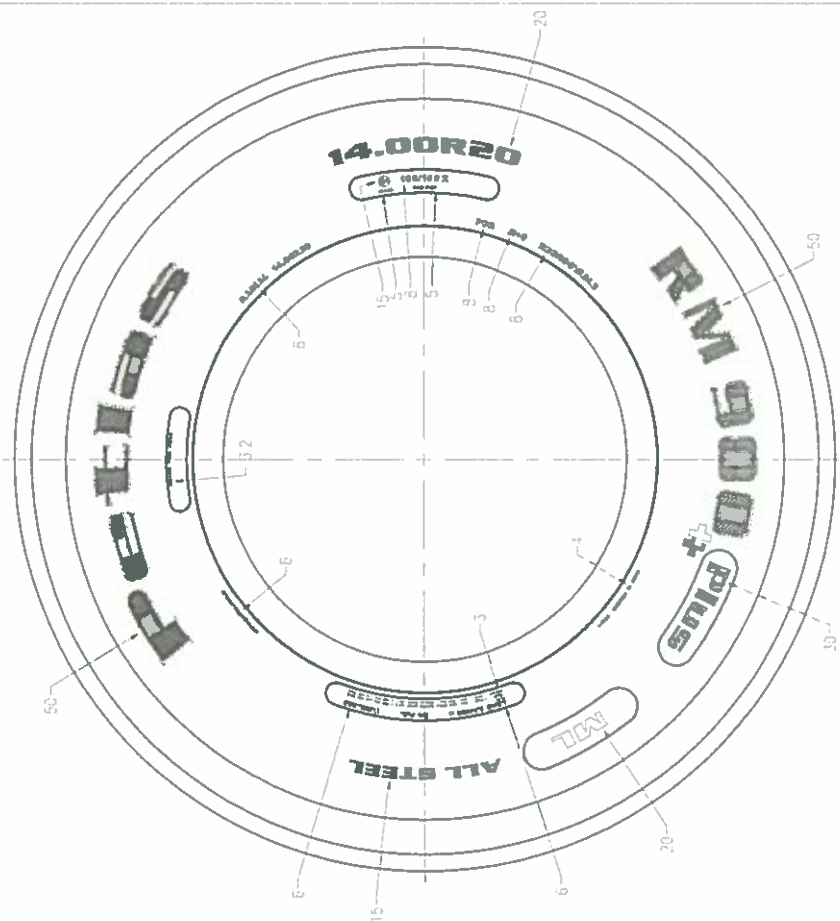
APPLICATION FOR APPROVAL ECE No. 54

4.1.1	Tyre-size designation	: 14.00 R20	
4.1.2	The manufacturer's name	: PETLAS TIRE INDUSTRY AND TRADE COMPANY	
4.1.2.1	The Brand name(s)/trademark(s)	: PETLAS	
4.1.2.2	The trade description(s)/commercial name(s)	: RM900 PLUS	
4.1.3	Category of use (normal/special/snow)	: SPECIAL	
4.1.3.1	For the tyres belonging to the category of use "special use tyre" those which may bear the inscription M+S or M.S or M&S	: YES	
4.1.4	Structure (diagonal(bias ply)/radial)	: RADIAL	
4.1.5	Speed category	: K	
4.1.6	The load-capacity indexes	: 168/165	
4.1.7	Tube type / Tubeless	: TUBELESS	
4.1.8	Overall section width,	: 370	mm
	Outer diameter	: 1238	mm
4.1.9	Factor X	: NA	
4.1.10	The rims on which the tyre can be mounted	: 9.0; 10.0; 10.00W	inch
4.1.11	The measuring rim and test rim	: 10.00	inch
4.1.12	The inflation pressure for the dimension measurement and for the load/speed endurance test pressure	: 800	kPa
4.1.13	The additional load/speed combinations	: NA	

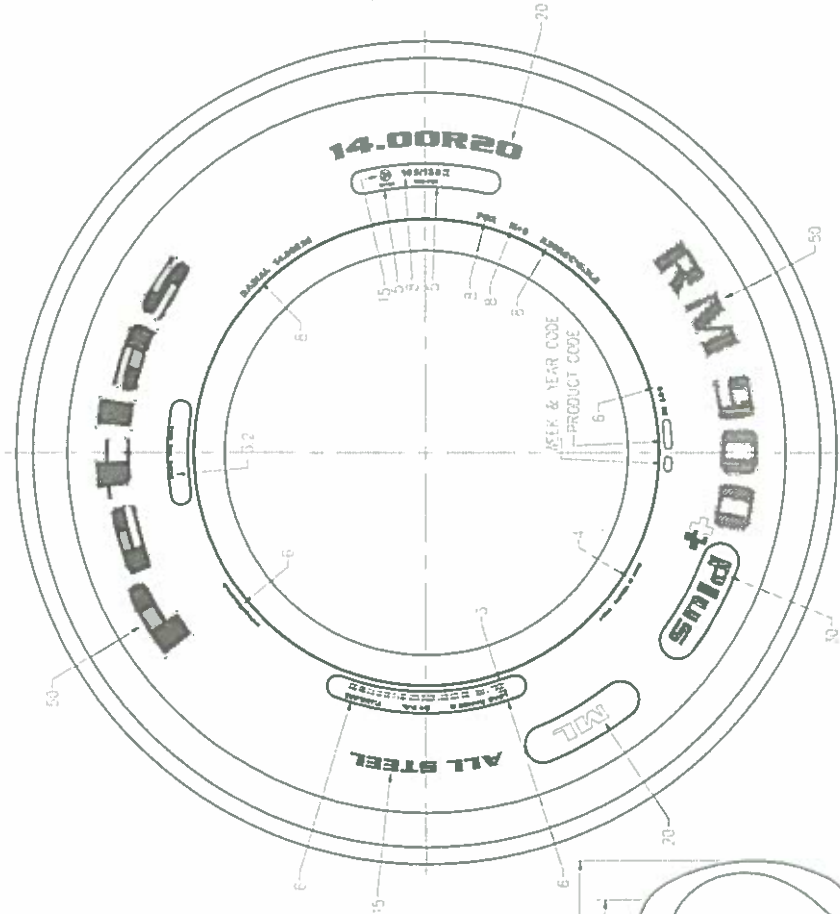
**IGTT a.s.**homologace pneumatik
Štemberská 446, Louky
763 02 Zlín, Czech Republic

IČ/D: 46900080 DIČ/VAT: CZ46900080

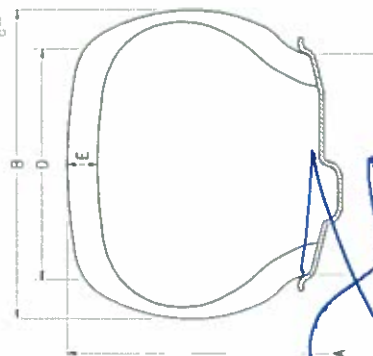




NON SERIAL SIDE

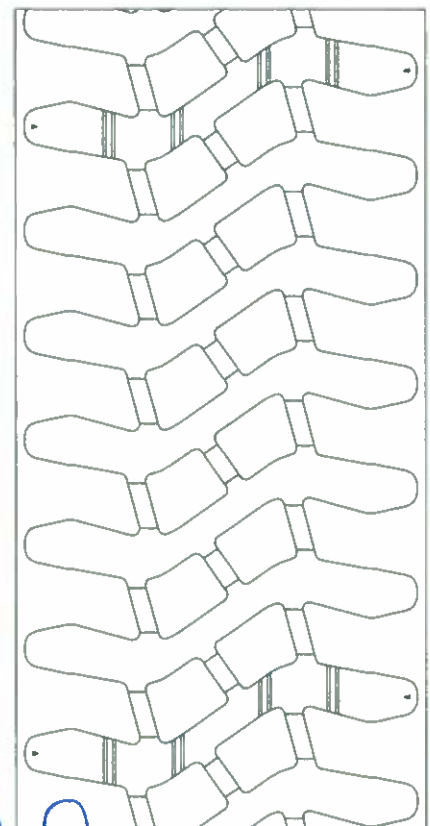


SERIAL SIDE



K	14.00R20	168/165	-	X	1238	370	10.0	315	23	003186	-	-
K	14.00R20	168/165	-	X	1238	370	10.0	315	23	003186	-	-
	H2 SIFTI (SPEED CAT.)	LASTIX ERADI (TIRE SIZE)	YUK KAPASITE INDEX (LOAD CAP. INDEX)	TIP (TYPE)	A	B	C	D	E	ONAY NO. (APPROVAL NO.)	ONAY NO. (APPROVAL NO.)	ACIKLAMA (REMARKS)
				Q LASTIKL (TUBE TYPE)	mm	mm	mm	mm	mm	Ee R-54	Ee R-117	

SIRT DESENİ (TREAD PATTERN) : RM900	RESM NO. (DRAWING NO.)	TARİH (DATE)	KONTROL (CHECKED)
SIRT (TREAD) :	PKT-13742-2	07.04.2022	BAK DÜŞ
YANAK (SIDEWALL) :			00.04.2022



IGTT a.s.
homologace pneumatik
Štamberkova 446, Louky
763 02 Zlín, Czech Republic
IČ/D: 46900080 DIČ/VAT: CZ46900080





TYPE APPROVAL TEST REPORT

REPORT NO: D022-0739

TYRE SPECIFICATION

Manufacturer Name	: PETLAS TIRE INDUSTRY AND TRADE CO.	Speed Category Symbol	: K
Manufacturer Address	: KINDAM MAH. ANKARA KAYSERİ CAD. NO 2/1 KIRŞEHİR / TURKEY	Additional Load/Speed	: NA
Brand	: PETLAS	Category of Use	: SPECIAL
Pattern Name	: RM900 PLUS	TT/TL	: TL
Product Code	: 70558	Date of Manufacture	: 1322
Size Designation	: 14.00 R20	Barcode Number	: 76392416
Load Capacity Index	: 168/165	Approval Number	: E8 003186

TEST AND EQUIPMENT SPECIFICATION

Test Tyre Receiving Date	: 1.04.2022
Test Date	: 05.04.2022 - 07.04.2022
Reference Regulation	: UNECE Regulation 54
Petlas Test Code	: 5500
The Tests Conducted	: 1 - Marking Control ☒ 2 - Dimensions Measurement ☒ 3 - Load/Speed ☒
Test Machine Name (Drum Diameter)	: ASM-4 (1.707 m)
Pressure Gauge Calibration No	: 2214798
Caliper Calibration No	: 2213858
Tape Measure Calibration No	: 2213870
Test Rim	: 10 00X20
Test Technician	: M.Y.

CUSTOMER INFORMATION

Name	: Same as Manufacturer
Address	: Same as Manufacturer

TYRE VISUAL INSPECTION RESULT BEFORE TEST

Tyre was inspected and any evidence of failure was not detected.

Controlled by:

AYHAN UMUCU
Tyre Test Engineer
11.04.2022



Page 1 of 2

Approved by:

EKREM TURNA
Tyre Testing Laboratory Chief
12.04.2022



TYPE APPROVAL TEST REPORT

REPORT NO: D022-0739

TEST 1 - MARKING CONTROL

Trade name or Mark	YES ☒	NO ☐	N/A ☐
Commercial/Pattern Name Marking	YES ☒	NO ☐	N/A ☐
Tyre Size Designation Marking	YES ☒	NO ☐	N/A ☐
Tyre Structure Marking	YES ☒	NO ☐	N/A ☐
Speed Category Symbol Marking	YES ☒	NO ☐	N/A ☐
Load Capacity Index Marking	YES ☒	NO ☐	N/A ☐
"FRT"	YES ☐	NO ☐	N/A ☒
"Regroovable"	YES ☒	NO ☐	N/A ☐
"M+S" marking in case of "Snow" or "Special Use" tire	YES ☒	NO ☐	N/A ☐
"POR" or "ET" marking in case of Special Use Tire	YES ☒	NO ☐	N/A ☐
"TUBELESS" markig in case of without inner tube use	YES ☒	NO ☐	N/A ☐
Date of Manufacture	YES ☒	NO ☐	N/A ☐
Approval Number Marking	YES ☒	NO ☐	N/A ☐

RESULT : The tire markings are fulfill the reference regulation requirements.

TEST 2 - DIMENSIONS MEASUREMENT

Conditioning	: 24 hours at 25 ± 5 °C
Inflation Pressure (kPa)	: 800
Overall Width Measurements (mm)	: 383,9 / 384,2 / 384,6 / 383,9 / 384,5 / 384,1
Maximum Circumference (mm)	: 3896

PARAMETERS	LIMIT VALUES (mm)	MEASURED VALUES (mm)
Nominal Overall Width-S	370,0	384,6
Maximum Overall Width-Smax	385,0	
Nominal Outer Diameter-D	1238,0	1240,1
Minimum Outer Diameter-Dmin	1209,0	
Maximum Outer Diameter-Dmax	1290,0	

RESULT : The dimensions are fulfill the reference regulation requirements.

TEST 3 - LOAD / SPEED TEST

Conditioning	: 3 hours at 25 ± 5 °C
Inflation Pressure (kPa)	: 800

Test Procedure

Date/Time	Test Step No	Duration (hour)	Test Load (kg)	Test Speed (km/h)	Control
5.4.2022 22:38	0	0	0	0	M.Y.
	1	7	3696	56	
	2	16	4704	56	
7.4.2022 21:38	3	24	5656	56	M.Y.

RESULT : Tire completed the load/speed test without any failure.

FINAL RESULT: THE TYRE PASSED ALL TESTS ACCORDING TO THE REFERENCE REGULATION

PASSED

Controlled by:

AYHAN UMUCU
Tyre Test Engineer
11.04.2022

A. Umucu



Approved by:

EKREM TURNA
Tyre Testing Laboratory Chief
12.04.2022

E. Turna