



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*54R00/23*2895*00

Zlín 16th November 2021

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 :

215/70R15C STARMAXX PROWIN ST960 109/107R

with the approval number : **E8*54R00/23*2895*00**
date of inspection : **16th November 2021**

Sincerely yours,



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~~APPROVAL WITHDRAWN~~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*54R00/23*2895*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 / obchodní značka
Brand name(s)/trademark(s) | : | STARMAXX |
| 2.2. | Obchodní popis / obchodní jméno
Trade description(s)/ Commercial name(s) | : | PROWIN ST960 |
| 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 | : | 215/70R15C |
| 4.2. | Kategorie užití ⁽¹⁾
Category of use ⁽¹⁾ | : | normální / zimní / speciální /
normal / snow / special / 1/ |
| 4.3. | Konstrukce ⁽¹⁾
Structure ⁽¹⁾ | : | diagonální / radiální /
diagonal / radial / 1/ |
| 4.4. | Třída pneumatiky ⁽¹⁾
Tyre class ⁽¹⁾ | : | C2 / G3 1/ |
| 4.5. | Kategorie rychlosti
Speed category symbol | : | |
| 4.5.1. | Nominální
Nominal | : | R |
| 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 109 ve dvojmontáži 107
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 : IGTT a.s. - Rubber Technology and Testing Institute
Šternberská 446, Louky, 763 02 Zlín
CZECH REPUBLIC

Technical service and where applicable, test laboratory additional approved purposes of approval or of verification of conformity :

6. Datum protokolu, vydaného touto zkušebnou :
Date of report issued by that service : 04.11.2021

7. Číslo protokolu, vydaného touto zkušebnou :
Number of report issued by that service : D021-2561

8. Důvod pro rozšíření (je-li potřebné) :
Reason (s) of extension (if applicable) : -

9. Poznámky :
Any remarks : -

10. Místo : Praha
Place :

11. Datum : 16.11.2021
Date :

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 homologaci / Request for approval
- Kótovaný profil pneumatiky / Dimensioned tyre cross-section
- Výkresy bočnice a běhounu pláště / Drawing of the tyre sidewalls and tread
- Prohlášení výrobce / Manufacturer's declaration
- 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

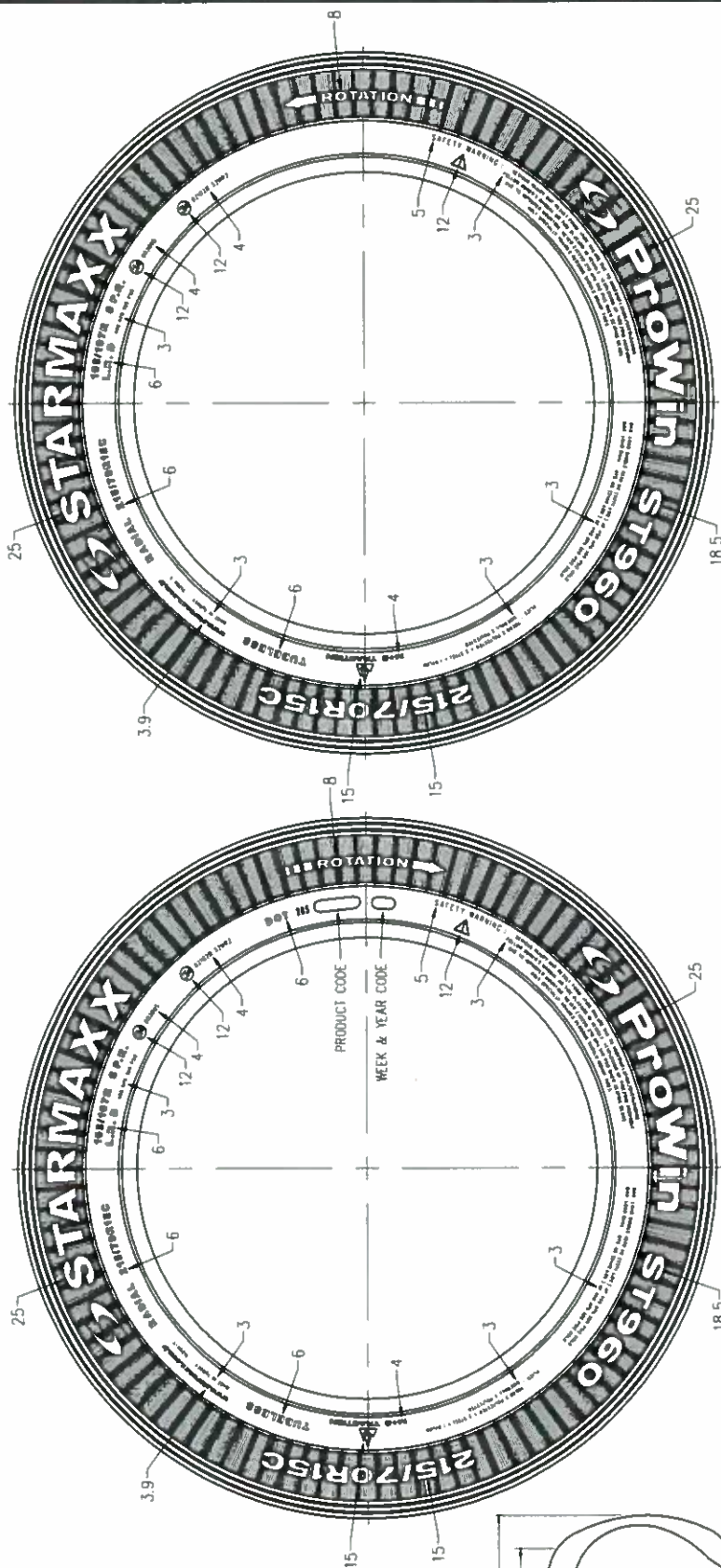
může být přílohou k tomuto osvědčení

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	: 215/70 R15 C	
4.1.2	The manufacturer's name	: PETLAS TIRE INDUSTRY AND TRADE COMPANY	
4.1.2.1	The Brand name(s)/trademark(s)	: STARMAXX	
4.1.2.2	The trade description(s)/commercial name(s)	: PROWIN ST960	
4.1.3	Category of use (normal/special/snow)	: SNOW	
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	: R	
4.1.6	The load-capacity indexes	: 109/107	
4.1.7	Tube type / Tubeless	: TUBELESS	
4.1.8	Overall section width,	: 221	mm
	Outer diameter	: 683	mm
4.1.9	Factor X	: 0.70	
4.1.10	The rims on which the tyre can be mounted	: 5½J; 6J; 6½J; 7J	inch
4.1.11	The measuring rim and test rim	: 6.50	inch
4.1.12	The inflation pressure for the dimension measurement and for the load/speed endurance test pressure	: 450	kPa
4.1.13	The additional load/speed combinations	: NA	



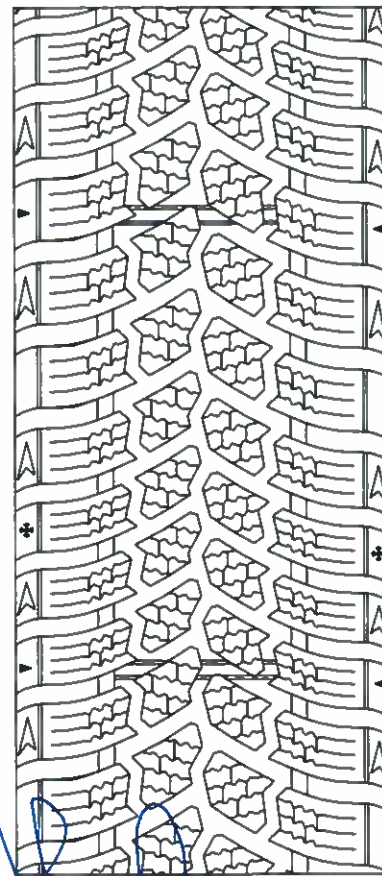


NON SERIAL SIDE

SERIAL SIDE

R	215/70R15C	109/107	-	X	683	221	6.5	173.7	11.5	002895	021028 S2WR2	-
R	215/70R15C	109/107	-	X	683	221	6.5	173.7	11.5	002895	021028 S2WR2	-
Hz SNR1 (SPEED CAT.)	LASTIK EBADI (TIRE SIZE)	YUK KAPASITE INDEXSI (LOAD CAP INDEX)	TP (TYPE)	C LASTIK (TUBELESS)	A	B	C	D	E	ONAY NO. (APPROVAL NO.) E6 R-30	ONAY NO. (APPROVAL NO.) E9 R-117	AOKLAMA (REMARKS)

SIRT DESM (TREAD PATTERN) SIRT (TREAD) YANAK (SIDEWALL)	ProWin ST960 2 POLYESTER + 2 STEEL + 1 NYLON 2 POLYESTER	RESM NO. (DRAWING NO.) PKT-13429-A	TARH (DATE) 08.11.2021	KONTROL (CHECKED) KONTROL J. D.
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Lastik Sanayi ve Ticaret A.Ş.

Date : 8.11.2021

Petlas Ref. No : 230/148/021

Subject : DECLARATION
Concern : Mr. Vaclav Horelka
Tire Approval Department Head
IGTT ZLIN

To whom it may concern;

Petlas confirms that the tires which are given below are produced under the same specification and same technology (same raw materials, same green tire specification, same machine, same mold). Only the trade mark of the tires are different.

BRAND	SIZE	APPROVAL NUMBER
PETLAS	215/70 R15 C FULLGRIP PT935 TL 109/107 R 8PR	E8 002896
STARMAXX	215/70 R15 C PROWIN ST960 TL 109/107 R 8PR	E8 002895

Erdin ONAT
R&D Manager

PETLAS Lastik Sanayi ve Ticaret A.Ş.

Kindam Mah. Ankara-Kayseri Cad. No:2/1 KIRŞEHİR Tel: (0386) 252 65 50 Fax: (0386) 252 65 70
iletisim@petlas.com.tr

petlas Bir Abdulkadir Özcan A.Ş. Kuruluşudur.

137-F-178-02

IGTT a.s.
homologace pneumatik
Střemská 448, Lcuky
753 02 Zlín, Czech Republic
IČD: 48900080 DIČ/VAT: CZ46900080



TYPE APPROVAL TEST REPORT

REPORT NO: D021-2561

TYRE SPECIFICATION

Manufacturer Name	: PETLAS TIRE INDUSTRY AND TRADE CO.	Speed Category Symbol	: R
Manufacturer Address	: KINDAM MAH. ANKARA KAYSERI CAD. NO:2/1 KIRŞEHİR / TURKEY	Additional Load/Speed	: N/A
Brand	: PETLAS	Category of Use	: SNOW
Pattern Name	: FULLGRIP PT935	TT/TL	: TL
Product Code	: 41482	Date of Manufacture	: 4121
Size Designation	: 215/70 R15 C	Barcode Number	: 73206743
Load Capacity Index	: 109/107	Approval Number	: E8 002896

TEST AND EQUIPMENT SPECIFICATION

Test Tyre Receiving Date	: 30.10.2021
Test Date	: 3.11.2021
Reference Regulation	: UNECE Regulation 54.00
Petlas Test Code	: 5500
The Tests Conducted	: 1 - Marking Control ☒ 2 - Dimensions Measurement ☒ 3 - Load/Speed ☒
Test Machine Name (Drum Diameter)	: ASM-2 (1.707 m)
Pressure Gauge Calibration No	: 2108024
Caliper Calibration No	: 2107708
Tape Measure Calibration No	: 2107155
Test Rim	: 6.5JX15-T2
Test Technician	: F.Ş. - F.Ö.

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
03.11.2021



Page 1 of 2

Approved by;

EKREM TURNA
Tyre Testing Laboratory Team Leader
04.11.2021

Petlas Secret Technical Information The document contains classified information. It must be kept in only Petlas and stored in a safe place. The test result in this report is only used for the tested tyre which is specified in the report header. This test report shall not be reproduced other than in full except with the permission of Petlas.

IGTT a.s.

homologace pneumatik
Štenberská 446, Louky
763 02 Zlín, Czech Republic

IČ/DIČ: 46900080 DIČ/VAT: CZ46900080

FORM NUMBER: TT-F-045-00





TYPE APPROVAL TEST REPORT

REPORT NO: D021-2561

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" marking 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)	: 450
Overall Width Measurements (mm)	: 218,8 / 218,9 / 218,6 / 218,7 / 217,9 / 218,6
Maximum Circumference (mm)	: 2151

PARAMETERS	LIMIT VALUES (mm)	MEASURED VALUES (mm)
Nominal Overall Width-S	221,0	218,9
Maximum Overall Width-Smax	230,0	
Nominal Outer Diameter-D	683,0	684,7
Minimum Outer Diameter-Dmin	674,0	
Maximum Outer Diameter-Dmax	702,0	

RESULT: The dimensions are fulfill the reference regulation requirements.

TEST 3 - LOAD / SPEED TEST

Conditioning	: 3 hours at 25 ± 5 °C
Inflation Pressure (kPa)	: 450

Test Procedure						Dimensional Measurements	
Date/Time	Test Step No	Duration (min.)	Test Load (kg)	Test Speed (km/h)	Control		
3.11.2021 07:00	0	0	0	0	F.9.	Overall Diameter Before Test (mm)	: 684,7
	1	10	927	0-150			
	2	10	927	150			
	3	10	927	160			
3.11.2021 08:00	4	30	927	170	F.O.	Overall Diameter 8h After Test (mm)	: 687,5
Inflation Pressure After Test (kPa) : 460						Diameter difference after Test (%)	: 0,42

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
03.11.2021

[Signature]



Approved by:

EKREM TURNA
Tyre Testing Laboratory Team Leader
04.11.2021

[Signature]