



INSTITUT GUMÁRENSKÉ TECHNOLOGIE A TESTOVÁNÍ, A.S.
RUBBER TECHNOLOGY AND TESTING INSTITUTE, Plc.
INSTITUT FÜR GUMMITECHNOLOGIE 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 29th August 2023

E8*54R00/25*3299*00

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

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 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:

225/75R16C STARMAXX PROWIN ST960 118/116R

with the approval number : **E8 003299**
date of inspection : **29th August 2023**
inspector's name : **Václav Hořelka**

Sincerely yours,



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

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

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APPROVAL WITHDRAWN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 pneumatic tyre for motor vehicles pursuant to UN Regulation No. 54

Homologace č.:

Approval No.: **E8*54R00/25*3299*00**

Rozšíření č.:

Extension No.: **N/A**

- | | | | |
|--------|--|---|---|
| 1. | Jméno 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) | : | STARMAXX |
| 2.2. | Obchodní popis(y) / obchodní jméno(a)
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 | : | 225/75R16C |
| 4.2. | Kategorie užití
Category of use | : | normální / zimní / speciální ⁽¹⁾
normal / snow / special ⁽¹⁾ |
| 4.3. | Konstrukce
Structure | : | diagonální / radiální ⁽¹⁾
diagonal / radial ⁽¹⁾ |
| 4.4. | Třída pneumatiky
Tyre class | : | C2 / C3 ⁽¹⁾ |
| 4.5. | Kategorie rychlosti
Speed category symbol | : | |
| 4.5.1. | Nominální
Nominal | : | R |
| 4.5.2. | Doplňková (je-li potřebné)
Additional (if applicable) | : | N/A |

- 4.6. Indexy nosnosti
Load capacity index
- 4.6.1. Odpovídající nominální rychlosti : v jednomontáži ve dvojmontáži
Corresponding to nominal speed : single 118 twinned (dual) 116
- 4.6.2. Odpovídající doplňkové rychlosti : v jednomontáži ve dvojmontáži
Corresponding to additional speed : single N/A twinned (dual) N/A

5. Technický servis a případně zkušební laboratoř schválená pro účely schvalování nebo pro ověřování shodnosti
Technical service and where applicable, test laboratory additional approved purposes of approval or of verification of conformity : 8/E:
IGTT a. s. - Institut gumárenské technologie a testování, a.s.
Rubber Technology and Testing Institute, Comp.
Šternberská 446, Louky,
763 02 ZLÍN,
CZECH REPUBLIC

6. Datum protokolu, vydaného touto zkušebnou
Date of report issued by that service : 31.07.2023

7. Číslo protokolu, vydaného touto zkušebnou
Number of report issued by that service : D023-1677

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

9. Poznámky
Any remarks : N/A

10. Místo
Place : Praha
Prague

11. Datum
Date :

12. Podpis
Signature : 
Elektronický podpis - 29.8.2023
Certifikát autora podpisu :
Jméno Ing. Bc. Ivan Novák
Vydal PosiSignum Qualifiod CA 4
Platnost 73.2.2026 11:19:25-000 +01:00

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 homologace / 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

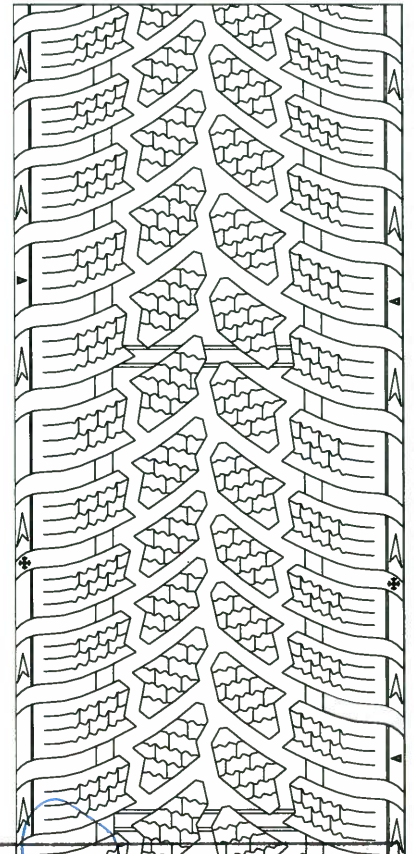
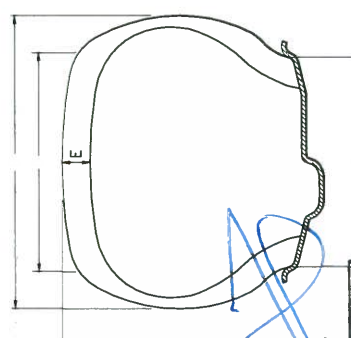
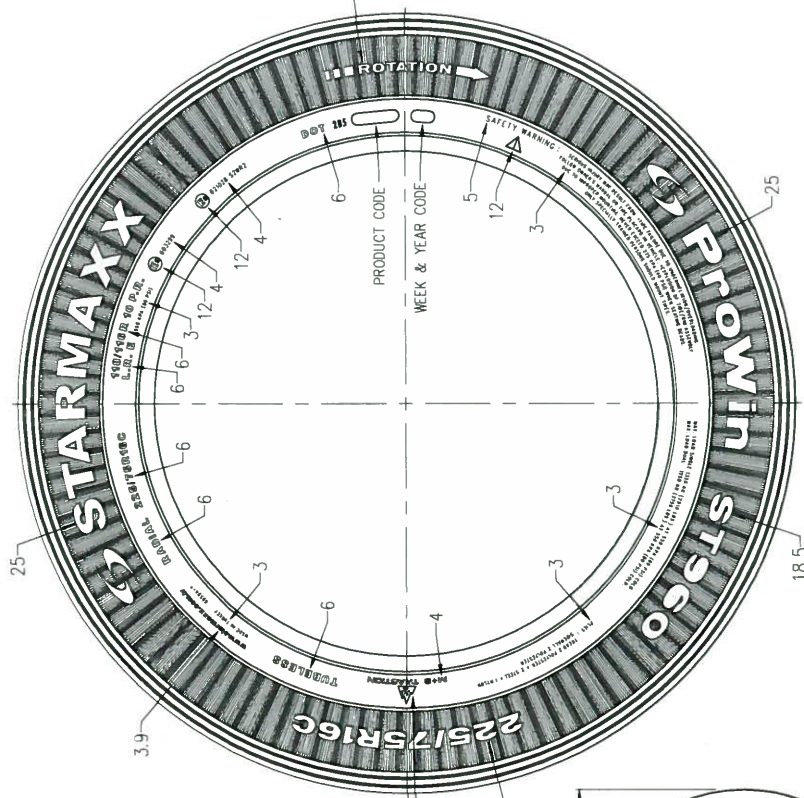
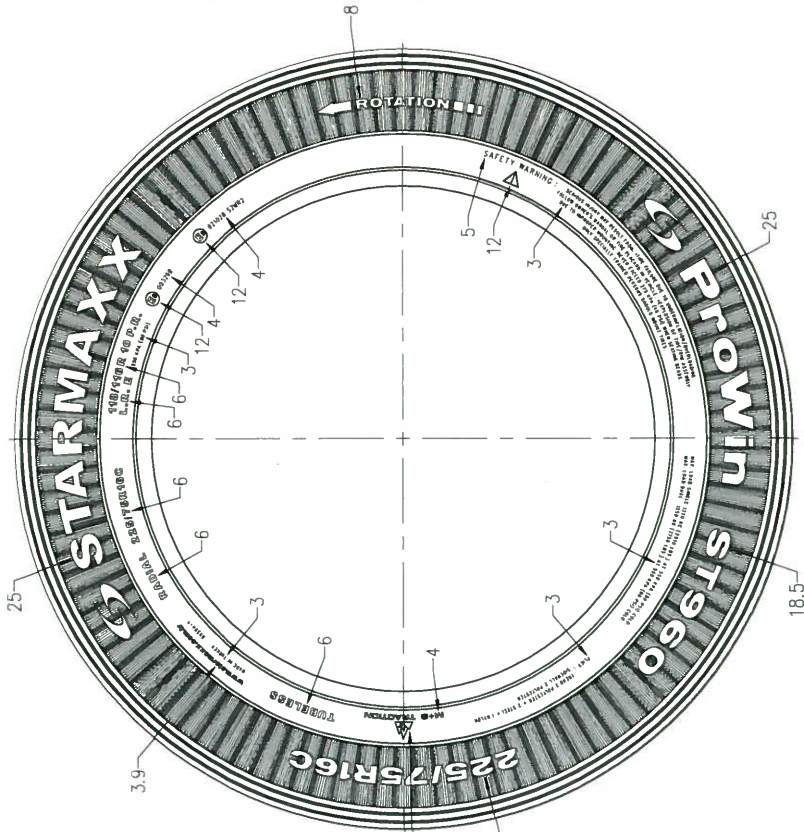
E8 003299

APPLICATION FOR APPROVAL ECE No. 54

4.1.1	Tyre-size designation	: 225/75 R16 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	: 118/116	
4.1.7	Tube type / Tubeless	: TUBELESS	
4.1.8	Overall section width,	: 223	mm
	Outer diameter	: 744	mm
4.1.9	Factor X	: 0.70	
4.1.10	The rims on which the tyre can be mounted	: 6J, 6½J, 7J	inch
4.1.11	The measuring rim and test rim	: 6.00	inch
4.1.12	The inflation pressure for the dimension measurement and for the load/speed endurance test pressure	: 550	kPa
4.1.13	The additional load/speed combinations	: NA	



IGTT a.s. homologace pneumatik Stemberská 446, Louky 763 02 Zlín, Czech Republic IČ/ID: 46900080 DIČ/VAT: CZ46900080		
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R	275/75R16C	118/116	-	X	744	223	6.0	182.4	12.0	003299	021028 S2WR2	-
R	275/75R16C	118/116	-	X	744	223	6.0	182.4	12.0	003299	021028 S2WR2	-
	HIZ SINIFI (SPEED CAT.)	YÜK KAPASİTE İNDEKSİ (LOAD CAP. INDEX)	İÇ LASTIKLI İÇ LASTIKSIZI (TUBE TYPE)	TİP (TYPE)	A	B	C	D	E	ONAY NO. (APPROVAL NO.)	ONAY NO. (APPROVAL NO.)	AÇIKLAMA (REMARKS)
					mm	mm	inches	mm	mm	Eb R-54	Eb R-117	

RESİM NO. (DRAWING NO.)		TARİH (DATE)		KONTROL (CHECKED)	
PKT-12959A-1		14.08.2023		BÜRS DİG. / EBRUOĞUR SUKUN	
SİRT DESEN (TREAD PATTERN) : ProWin ST960				E. P. / J.A.	
SİRT (TREAD) : 2 POLYESTER + 2 STEEL + 1 NYLON					
YANAK (SIDEWALL) : 2 POLYESTER					

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

IC/ID: 46900080 DIČ/VAT: CZ46900080



Lastik Sanayi ve Ticaret A.Ş.

Date : 9.08.2023

Petlas Ref. No : 230/136/023

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	225/75 R16 C FULLGRIP PT935 TL 118/116 R 10PR	E8 003298
STARMAXX	225/75 R16 C PROWIN ST960 TL 118/116 R 10PR	E8 003299

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





TYPE APPROVAL TEST REPORT

REPORT NO: D023-1677

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	: 40963	Date of Manufacture	: 3023
Size Designation	: 225/75 R16 C	Barcode Number	: 92464899
Load Capacity Index	: 118/116	Approval Number	: E8 003298

TEST AND EQUIPMENT SPECIFICATION

Test Tyre Receiving Date	: 25.07.2023
Test Date	: 27.07.2023
Reference Regulation	: UNECE Regulation 54.00
Petlas Test Code	: 5500
The Tests Conducted	: 1 - Marking Control <input checked="" type="checkbox"/> 2 - Dimensions Measurement <input checked="" type="checkbox"/> 3 - Load/Speed <input checked="" type="checkbox"/>
Test Machine Name (Drum Diameter)	: TMSI4-2 (1.707 m)
Pressure Gauge Calibration No	: 2315489
Caliper Calibration No	: 2314388
Tape Measure Calibration No	: 2314376
Test Rim	: 6JX16
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 Team Leader
28.07.2023



Page 1 of 2

Approved by;

EKREM TURNA
Tyre Testing Laboratory Chief
31.07.2023

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



NUMBER: 317-F-046-00

23



TYPE APPROVAL TEST REPORT

REPORT NO: D023-1677

TEST 1 - MARKING CONTROL

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

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

TEST 2 - DIMENSIONS MEASUREMENT

Conditioning : 24 hours at 25 ± 5 °C
 Inflation Pressure (kPa) : 550
 Overall Widht Measurements (mm) : 226,1 / 226,0 / 226,1 / 225,9 / 225,9 / 226,1
 Maximum Circumference (mm) : 2337

PARAMETERS	LIMIT VALUES (mm)	MEASURED VALUES (mm)
Nominal Overall Width-S	223,0	226,1
Maximum Overall Width-Smax	232,0	
Nominal Outer Diameter-D	744,0	743,9
Minimum Outer Diameter-Dmin	734,0	
Maximum Outer Diameter-Dmax	758,0	

RESULT : The dimensions are fulfill the reference regulation requirements.

TEST 3 - LOAD / SPEED TEST

Conditioning : 3 hours at 25 ± 5 °C
 Inflation Pressure (kPa) : 550

Test Procedure

Date/Time	Test Step No	Duration (min.)	Test Load (kg)	Test Speed (km/h)	Control
27.7.2023 11:11	0	0	0	0	S.Ö.
	1	10	1188	0-150	
	2	10	1188	150	
	3	10	1188	160	
27.7.2023 12:11	4	30	1188	170	S.Ö.

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

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



Controlled by;

AYHAN UMUCU
Tyre Test Team Leader
28.07.2023



Approved by;

EKREM TURNA
Tyre Testing Laboratory Chief
31.07.2023