



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 28<sup>th</sup> February 2023

E8\*54R00/24\*3297\*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 ST950 118/116R**

with the approval number : **E8 003297**  
date of inspection : **28<sup>th</sup> February 2023**  
inspector's name : **Václav Hořelka**

Sincerely yours,



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

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

OSVĚDČENÍ o<sup>(1)</sup>:

COMMUNICATION concerning<sup>(1)</sup>:



**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~~APPROVAL WITHDRAWN~~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\*54R00/24\*3297\*00**

Rozšíření č.:

Extension No.: **N/A**

- |        |                                                                                                                           |   |                                                                                                                             |
|--------|---------------------------------------------------------------------------------------------------------------------------|---|-----------------------------------------------------------------------------------------------------------------------------|
| 1.     | Jméno a adresa výrobce<br>Manufacturer's name and address                                                                 | : | <b>PETLAS TIRE INDUSTRY<br/>AND TRADE COMPANY<br/>Kindam Mah.<br/>Ankara-Kayseri Cad. No.2/1<br/>40200 Kirsehir, TURKEY</b> |
| 2.     | Označení typu pneumatiky <sup>(2)</sup><br>Tyre type designation <sup>(2)</sup>                                           | : |                                                                                                                             |
| 2.1.   | Značka(y) / obchodní značka(y)<br>Brand name(s) / trademark(s)                                                            | : | <b>STARMAXX</b>                                                                                                             |
| 2.2.   | Obchodní popis(y) / obchodní jméno(a)<br>Trade description(s) / Commercial name(s)                                        | : | <b>PROWIN ST950</b>                                                                                                         |
| 3.     | Název a adresa zástupce výrobce<br>(je-li potřebné)<br>If applicable, name and adress of<br>manufacturer's representative | : | <b>N/A</b>                                                                                                                  |
| 4.     | Souhrnný popis<br>Sumarized description                                                                                   | : |                                                                                                                             |
| 4.1.   | Označení rozměru pláště<br>Tyre size designation                                                                          | : | <b>225/75R16C</b>                                                                                                           |
| 4.2.   | Kategorie užití<br>Category of use                                                                                        | : | <b>normální / zimní / speciální<sup>(1)</sup><br/>normal / snow / special<sup>(1)</sup></b>                                 |
| 4.3.   | Konstrukce<br>Structure                                                                                                   | : | <b>diagonální / radiální<sup>(1)</sup><br/>diagonal / radial<sup>(1)</sup></b>                                              |
| 4.4.   | Třída pneumatiky<br>Tyre class                                                                                            | : | <b>C2 / G3<sup>(1)</sup></b>                                                                                                |
| 4.5.   | Kategorie rychlosti<br>Speed category symbol                                                                              | : |                                                                                                                             |
| 4.5.1. | Nominální<br>Nominal                                                                                                      | : | <b>R</b>                                                                                                                    |
| 4.5.2. | Doplňková (je-li potřebné)<br>Additional (if applicable)                                                                  | : | <b>N/A</b>                                                                                                                  |



- 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 : 06.01.2023

7. Číslo protokolu, vydaného touto zkušebnou  
Number of report issued by that service : D023-19

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 : 28.02.2023

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

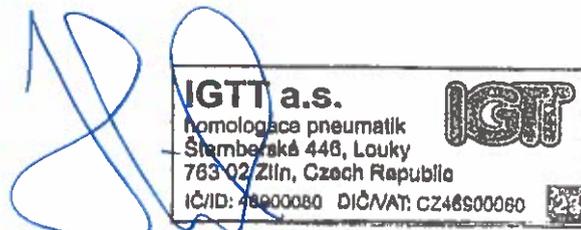
- Žádost o udělení homologace / Request for approval
- Kótovaný profil pneumatiky / Dimensioned tyre cross-section
- Výkresy bočnice a běhounu pláště / Drawing of the tyre sidewalls and tread
- Prohlášení výrobce / Manufacturer's declaration
- Protokol o zkoušce dle bodu 7. / The test report as mentioned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

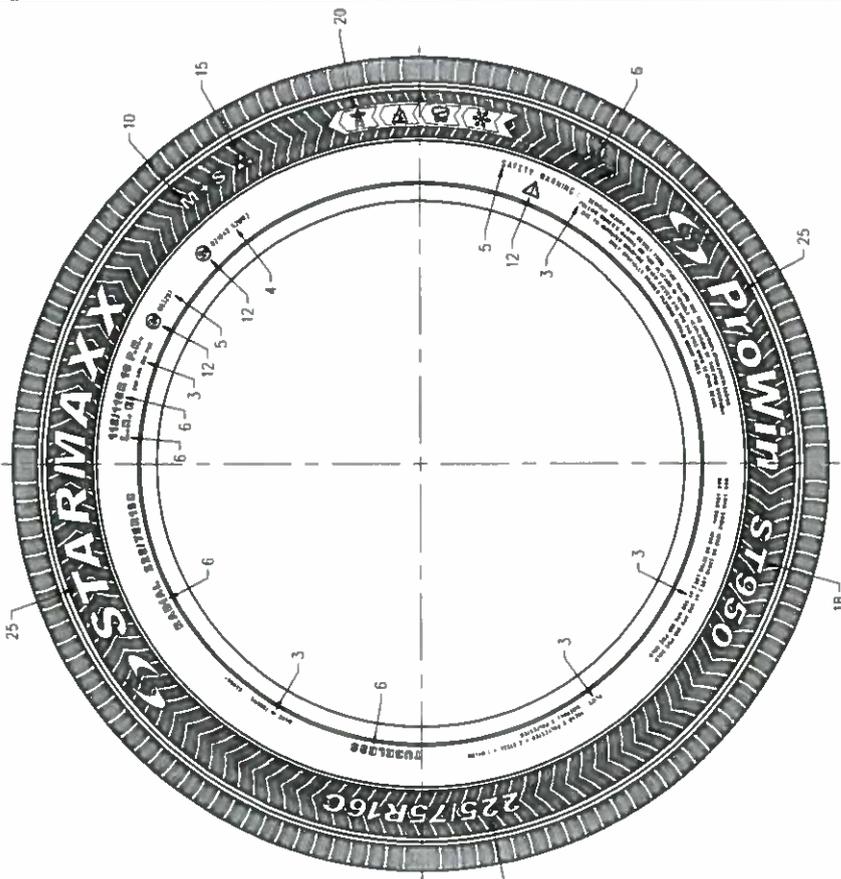
(1) Nehodící se škrtněte  
Delete that which does not apply

(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

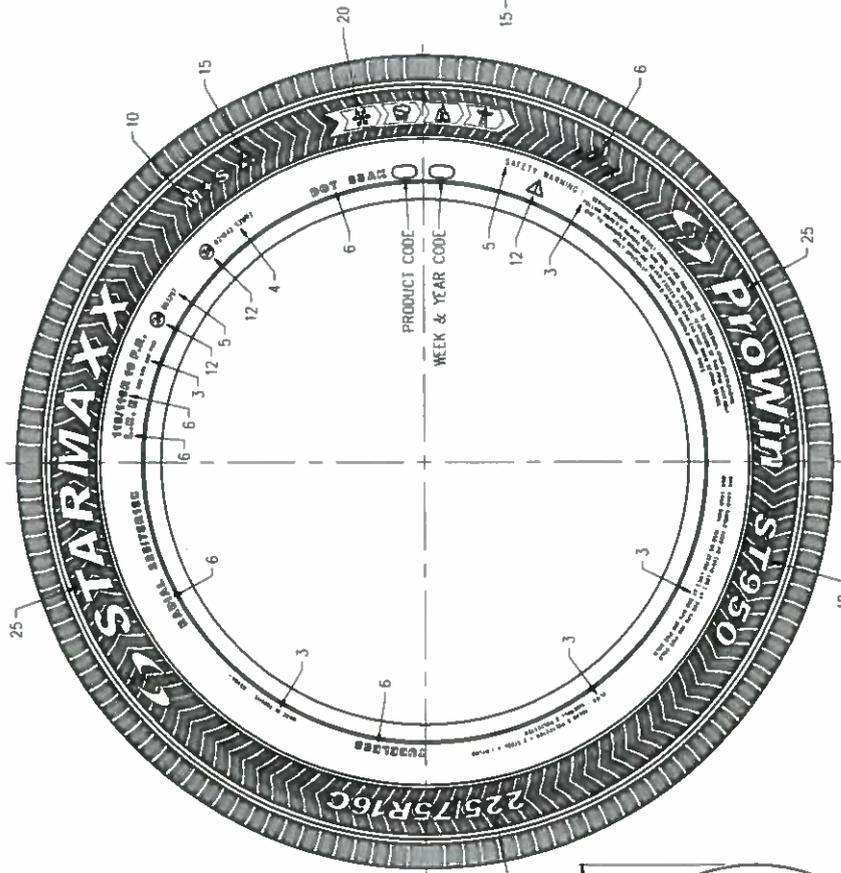
## APPLICATION FOR APPROVAL ECE No. 54

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 ST950	
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	

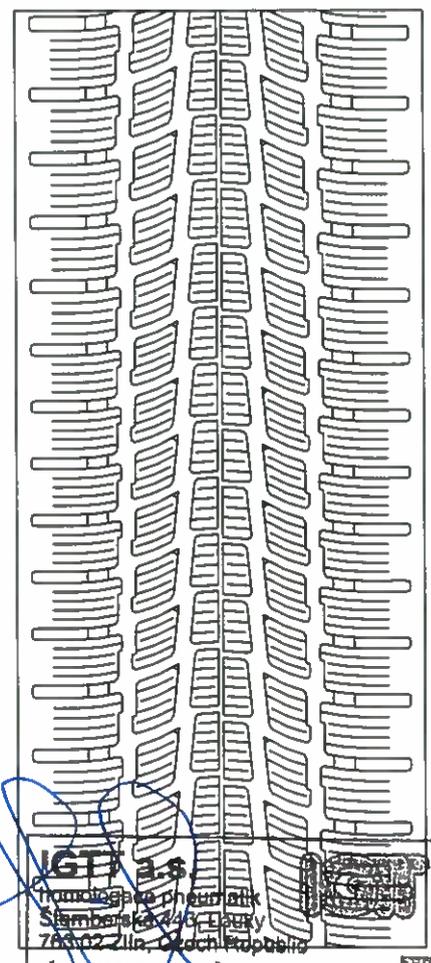
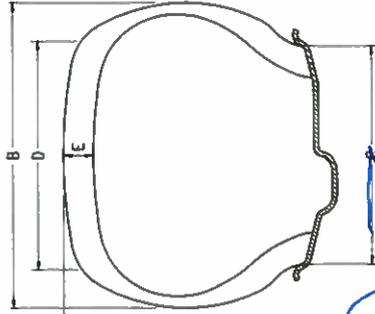




NON SERIAL SIDE



SERIAL SIDE



R	225/75R16C	118/116	X	744	223	6.0	178	11.8	003297	021042 S2WR2	-
R	225/75R16C	118/116	X	744	223	6.0	178	11.8	003297	021042 S2WR2	-
HIZ SINIFI (SPEED CAT.)	LASTIK EBADI (TIRE SIZE)	YÜK KAPASİTE İNDEKSİ (LOAD CAP. INDEX)	TIP (TYPE)	A	B	C	D	E	ONAY NO. (APPROVAL NO.)	ONAY NO. (APPROVAL NO.)	AÇIKLAMA (REMARKS)
			Ç LASTIKLI (TUBELESS) / Ç LASTIKSIZ (TUBELESS)	mm	mm	inches	mm	mm	Eg R-54	Eg R-117	

SIRT DESENİ (TREAD PATTERN) : ProWin ST950 SIRT (TREAD) : 2 POLYESTER + 2 STEEL + 1 NYLON YANAK (SIDEWALL) : 2 POLYESTER	RESİM NO. (DRAWING NO.)	TARİH (DATE)	KONTROL (CHECKED)
	PKT-12549A-2	01.02.2023	B.Dg. / JHA

İSTİFA  
 İstanbul'da en iyi  
 Stambol'da en iyi  
 76302 Ziraatçi Köyü  
 İC/İB: 4690080 DİC/VAT: C24600C80



Lastik Sanayi ve Ticaret A.Ş.

Date : 16.02.2023

Petlas Ref. No : 230/051/023

**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 PT925 TL 118/116 R 10PR	E8 003296
STARMAXX	225/75 R16 C PROWIN ST950 TL 118/116 R 10PR	E8 003297

Erdin ONAT  
R&D Manager

**PETLAS Lastik Sanayi ve Ticaret A.Ş.**  
Kındam 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  
Štěpberská 446, Louky  
763 02 Zlín, Czech Republic  
IČ/D: 4690080 DIČ/VAT: CZ46900060



**TYPE APPROVAL TEST REPORT**

REPORT NO: D023-19

**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 PT925	TT/TL	: TL
Product Code	: 40961	Date of Manufacture	: 5222
Size Designation	: 225/75 R16 C	Barcode Number	: 84177619
Load Capacity Index	: 118/116	Approval Number	: E8 003296

**TEST AND EQUIPMENT SPECIFICATION**

Test Tyre Receiving Date	: 2.01.2023
Test Date	: 4.01.2023
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)	: ASM-2 (1.707 m)
Pressure Gauge Calibration No	: 2214798
Caliper Calibration No	: 2213858
Tape Measure Calibration No	: 2213870
Test Rim	: 6.0JX16
Test Technician	: S.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  
05.01.2023



Page 1 of 2

Approved by;

EKREM TURNA  
Tyre Testing Laboratory Chief  
06.01.2023

IGIT a.s.  
homologace pneumatik FOR IGIT  
Stemberka 446, Louky  
783 02 Zlín, Czech Republic  
IČND: 14600080 DIČ/VAT: CZ46900080 23



**TYPE APPROVAL TEST REPORT**

REPORT NO: D023-19

**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" marking 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)	: 224,8 / 224,5 / 224,5 / 225,1 / 224,8 / 224,4
Maximum Circumference (mm)	: 2338

PARAMETERS	LIMIT VALUES (mm)	MEASURED VALUES (mm)
Nominal Overall Width-S	223,0	225,1
Maximum Overall Width-Smax	232,0	
Nominal Outer Diameter-D	744,0	744,2
Minimum Outer Diameter-Dmin	734,0	
Maximum Outer Diameter-Dmax	765,0	

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
4.1.2023 02:44	0	0	0	0	S.Ö.
	1	10	1188	0-150	
	2	10	1188	150	
4.1.2023 03:44	3	10	1188	160	
	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 Engineer  
05.01.2023



Page 2 of 2

Approved by;

EKREM TURNA  
Tyre Testing Laboratory Chief  
06.01.2023