

"ELAD" LLC



## Technical Certificate for ANDYCAR Hoses for Tire Inflation

Present hoses are manufactured according to Russian TU 38.1051049-89.

**Usage:** For inflating tires of cars, trailers and other machines; for creating mainlines for supplying compressed air.

**Ingredients:** inner layer material - SBR+PE, outer layer material - SBR+PE..

**Features:** SBR - Styrene-Butadiene Rubber gives hardness and at the same time better flexibility to the hose.

PE – Polyethylene gives a firm frame to the hose. Also, because of polyethylene in the hose, it soaks isooctane-toluene mix about 18-20% of its weight whereas hoses of other trademarks soak up to 30% of their weight. It means you should not worry that compressor oil or other aggressive fluids will get in the hose and destroy it.

**Burst pressure:** 3P, where P – operating pressure.

### Варианты исполнения:

Produced in two versions:

Includes 1 hose. Tips of the hose are butterfly nut and euro-clip.

Includes 2 hoses. 1st hose (long): Tips of the hose are butterfly nut and quick-release "F".

2nd hose (1 meter): quick-release "M" and euro-clip.

Euro-clip tip includes a valve that does not let air through the hose until the clip is put on the nipple of the wheel.

ANDYCAR INDUSTRIAL HOSES FOR TIRE  
INFLATION

| Product code | Product name  | Inner diameter, mm | Outer diameter, mm | Hose length, m | Operating pressure, MPa | Operating ambient temperature range, °C |
|--------------|---|--------------------|--------------------|----------------|-------------------------|---|
| ШП0600       | Hose for tire inflation 6m "EURO" tip                                   | 6                  | 12                 | 6              | 1                       | -50 ... +80                             |
| ШП0601       | Hose for tire inflation 6m + 1m "EURO", quick-release "F" and "M" tips  | 6                  | 12                 | 7              | 1                       | -50 ... +80                             |
| ШП1200       | Hose for tire inflation 12m "EURO" tip                                  | 6                  | 12                 | 12             | 1                       | 50 ... +80                              |
| ШП1201       | Hose for tire inflation 12m + 1m "EURO", quick-release "F" and "M" tips | 6                  | 12                 | 13             | 1                       | 50 ... +80                              |
| ШП1800       | Hose for tire inflation 18m "EURO" tip                                  | 6                  | 12                 | 18             | 1                       | -50 ... +80                             |
| ШП1801       | Hose for tire inflation 18m + 1m "EURO", quick-release "F" and "M" tips | 6                  | 12                 | 19             | 1                       | -50 ... +80                             |
| ШП2400       | Hose for tire inflation 24m "EURO" tip                                  | 6                  | 12                 | 24             | 1                       | 50 ... +80                              |
| ШП2401       | Hose for tire inflation 24m + 1m "EURO", quick-release "F" and "M" tips | 6                  | 12                 | 25             | 1                       | 50 ... +80                              |

#### Operating gases:

- air

#### Technical features:

Usually in this type of hoses thread-wound reinforcement is only used. Bergin hoses have a unique patented design: four additional longitudinal crosswise-wound threads are used in addition to thread winding.

With this elaboration Bergin hoses provide better constancy of geometrical parameters. Also, during the vulcanization process additional threads allow to control the lengthwise shrinkage ratio, and the hose is less stretched during installation.

#### Schematic structure of the hose:



## Hose exterior:



## Storage and care conditions:

### General operating conditions:

It is necessary to supply fluid to the hose under pressure that is not higher than operating pressure. Working pressure change should be made gradually so that the hoses do not undergo to the shock pressure. Hoses must not be kinked or driven over. Hoses must not be dragged over sharp or abrasive surfaces. Large hoses should be handled with use of reels and drums if possible. It is necessary to check the hose for tears regularly. All hoses should be checked regularly in terms of operational safety. If the hose is damaged it must be replaced for safety reasons.

### Storage conditions:

Hoses should be stored in cool, dry and ventilated place. Storage in places unprotected from weather conditions is prohibited. Storage in heated places should be made at a distance of at least 1 meter away from the heat source. Avoid storage in humid areas if possible. Do not expose to the direct sunlight.

Important note:

The manufacturer does not guarantee the safety of use of these hoses if they are used under operating conditions other than specified in this certificate or storage and maintenance conditions were violated.

Date: 20.03.2017

Dimitrovgrad, Russia



"ELAD" LLC Chief Technologist:

/ I.A. Bityukova /



**VOLUNTARY CERTIFICATION SYSTEM  
«REGISTER OF CERTIFIED SYSTEMS»  
№ POCC RU.31010.04ЖЗМ0**

**CERTIFICATION AUTHORITY OF MANAGEMENT SYSTEMS  
«DKS-ULYANOVSK» SIMBIRSK CERTIFICATION CENTER LLC  
38, Mayakovskogo str., Ulyanovsk, 432030, Russian Federation  
POCC RU.31010.04.ЖЗМ0/OC.09.2015**

**CERTIFICATE OF CONFORMITY**

Issue 1. QMS certified since April 2017

is given to **Limited Liability Company «Elad»  
(LLC «Elad»)**

179-V, Gogol str., Dimitrovgrad,  
Ulyanovsk region, 433504, Russian Federation

**THIS CERTIFICATE CERTIFIES THAT:**

Quality Management System as applied to production and supply  
of reinforced and non-reinforced rubber technical products  
(excluding par.7.3 in the part of product design)

**COMPLIES WITH THE REQUIREMENTS OF**

**GOST ISO 9001-2011 (ISO 9001:2008)**

**Registration № POCC RU.31010.04.ЖЗМ0/OC.09-02310-2017**

**Date of registration April 20, 2017**

**It is valid until April 20, 2020**

**Deputy Chief of the certification  
authority of management systems**



**U. V. Maslova**

**Commission Chairman**

**G. S. Gasparyan**

Clarification regarding certification scope and applicability of management system requirements can be enquired of the above-mentioned organization. The certificate is valid since it was registered on site [www.dks-rus.ru](http://www.dks-rus.ru) and if it is maintained by performance of surveillance audits.