

FIRE HOSES COMPLETE PRESTIGE

Technical datasheet PBAK.634286.002 PS

1. PURPOSE OF THE PRODUCT

PRESTIGE complete fire hoses, conforming to the specifications of TU RB 300376711.018-2004, are designed for delivering water and aqueous foam solutions to the site of a fire under excess pressure.

When provided, the PRESTIGE complete fire hoses consist of fire hoses according to GOST R 51049 and STB 11.13.17, coupling heads of type GR according to GOST R 53279 and STB 11.13.18, and hand fire nozzles according to GOST R 53331 and STB 11.13.14.

Example of complete hose order entry:

The designation PRESTIGE fire hose complete set 50(51)-1.0-RS-50.01-16P (20 m) TU RB 300376711.018-2004 refers to the supply of the PRESTIGE fire hose complete set, with a nominal (internal) diameter of 50 (51) mm, rated for a pressure of 1.0 MPa, a length of 20 meters, equipped with a crimped plastic hand nozzle with a spray diameter of 16 mm, and a hose head with a nominal pass of 50 mm made of aluminum alloy.

The components of the PRESTIGE fire hoses complete set meet the requirements of the Technical Regulation of the Eurasian Economic Union TR EAEU 043/2017.

The structure of the conditional designation for hoses when ordering:

Fire hose complete PRESTIGE X - X - X (X) TY ПБ X

Nominal (internal) diameter of the complete fire hose, mm (50(51), 65(66))	
Working pressure, Mpa (1.0; 1.6)	
Options for complete hose assembly:	
-GR-50A - assembly includes two hose heads with a nominal passage of 50 mm made of aluminum alloy;	
-GR-50A-RS-50.01-13P - assembly includes hand fire nozzle RS-50.01 made of plastic with 13mm spray diameter, and coupling head with nominal passage 50mm made of aluminium alloy;	
-GR-50A-RS-50.01-16P - assembly includes hand fire nozzle RS-50.01 made of plastic with 16mm spray diameter, and coupling head with nominal passage 50mm made of aluminium alloy;	
-GR-65A - assembly includes two hose heads with a nominal passage of 65 mm made of aluminum alloy;	
-GR-80A - assembly includes two hose heads with a nominal passage of 80 mm made of aluminum alloy;	
Hose length, m (20;25)	
Designation of these technical specifications	

2. MAIN TECHNICAL DATA AND CHARACTERISTICS

Designation of the complete hose	Hose length, m	Nominal (internal) diameter of the hose, mm	Diameter of the nozzle's spray, mm	Working pressure, MPa	Climatic version/ design.	Operating temperature range, °C	Weight of the hose, kg, not more than
PRESTIGE 50(51)-1.0-GR-50A (20 m)	20±1	51 ⁺²	-	1.0	U	from -40 to +40	8
PRESTIGE 50(51)-1.0-GR-50A-RS-50.01-13P (20 m)		51 ⁺²	13				9
PRESTIGE 50(51)-1.0-GR-50A-RS-50.01-16P (20 m)		51 ⁺²	16				10
PRESTIGE 65(66)-1.0-GR-65A (20 m)		66 ⁺²	-	1.6			9
PRESTIGE 50(51)-1.6-GR-50A (20 m)		51 ⁺²	-				9
PRESTIGE 80(77)-1.6-GR-80A (20 m)		77 ⁺²	-				12
PRESTIGE 65(66)-1.6-GR-65A (20 m)	25±1	66 ⁺²	-	10			
PRESTIGE 65(66)-1.6-GR-65A (25 m)		66 ⁺²	13	15			

Note: Delivery of hoses with a length from 10 to 25 meters is permitted by agreement with the customer.

3. COMPLETENESS

The delivery set of complete hoses includes:

- Complete hose - 1 pc.;
- Passport (manual/documentation) - 1 pc.

4. OPERATING INSTRUCTIONS

4.1 Hoses used in fire hydrants must undergo technical inspection and be tested for functionality according to section 2.4.3 of GOST 12.4.009 before being put into operation and at least every 6 months.

4.2 Hoses used on mobile firefighting equipment are pressure tested after each maintenance and repair, but at least once a year.

4.3 Hoses are washed with water with or without the addition of household synthetic laundry detergent.

4.4 Hose drying is carried out in special dryers at an ambient temperature not exceeding 50 °C, as well as at room temperature indoors or in the open air, avoiding direct sunlight.

4.5. Hose repair.

The area on the hose and the patch are cleaned, the bonding surfaces are degreased, and 1-3 layers of adhesive are applied to the repair site and patch with a brush. Each layer is dried for 15-20 minutes at room temperature. After the last layers of glue have dried, the patch is applied to the repair site and pressed down. The section of the hose with the patch applied should be placed in a press or between the clamps of a vise, tightly clamped, and held for 10-15 minutes at room temperature. Polyethylene is applied to the outer and inner surface of the patch to prevent accidental sticking. The pressure with which the patch should be pressed to the pressure hose is set at 5 kg per 1 sq. cm of the patch's surface and maintained at room temperature for one hour. After 24 hours from the completion of the repair, the repaired hoses are subjected to hydraulic testing.

5. TRANSPORTATION

Complete hoses can be transported by any type of covered transport. During transportation, hoses must be protected from corrosive chemicals, atmospheric precipitation, and direct sunlight. The packing must be tight to prevent the hoses from rubbing against each other and against the walls of the transport vehicle.

6. STORAGE

Hoses must be stored in warehouse spaces with natural ventilation, at a temperature not lower than 0 °C, and with a relative humidity of 60±15%, at a distance of at least 1 meter from heat-radiating devices, and must be protected from the direct effects of sunlight.

For long-term storage, hoses rolled up should be placed on wooden or painted metal racks without contact with building structures. Twice a year, the rolls of hoses must be turned over, changing the contact points with the racks.

It is not allowed to store and transport hoses with substances that destroy them.

7. CERTIFICATE OF ACCEPTANCE

Fire hose complete:

- PRESTIGE 50(51)-1.0-GR-50A (20 m)
- PRESTIGE 50(51)-1.0-GR-50A-RS-50.01-13P (20 m)
- PRESTIGE 50(51)-1.0-GR-50A-RS-50.01-16P (20 m)
- PRESTIGE 65(66)-1.0-GR-65A (20 m)
- PRESTIGE 50(51)-1.6-GR-50A (20 m)
- PRESTIGE 80(77)-1.6-GR-80A (20 m)
- PRESTIGE 65(66)-1.6-GR-65A (20 m)
- PRESTIGE 65(66)-1.6-GR-65A (25 m)

meets the requirements of TU RB 300376711.018-2004, marked with an acceptance stamp and deemed fit for use.

Date of manufacture _____

Acceptance Stamp _____

8. DISPOSAL INFORMATION

PRESTIGE complete fire hoses do not pose a hazard to human life and health or the environment. After the end of their service life, used PRESTIGE complete fire hoses are disposed of as household waste/

9. MANUFACTURER'S GUARANTEES

The manufacturer guarantees that the complete hoses meet the requirements of TU RB 300376711.018-2004 when the conditions of operation, transportation, and storage are observed.

The guaranteed shelf life of the complete hoses should be 36 months from the date of manufacture. The guaranteed service life within the guaranteed shelf life is 24 months from the date of commissioning.