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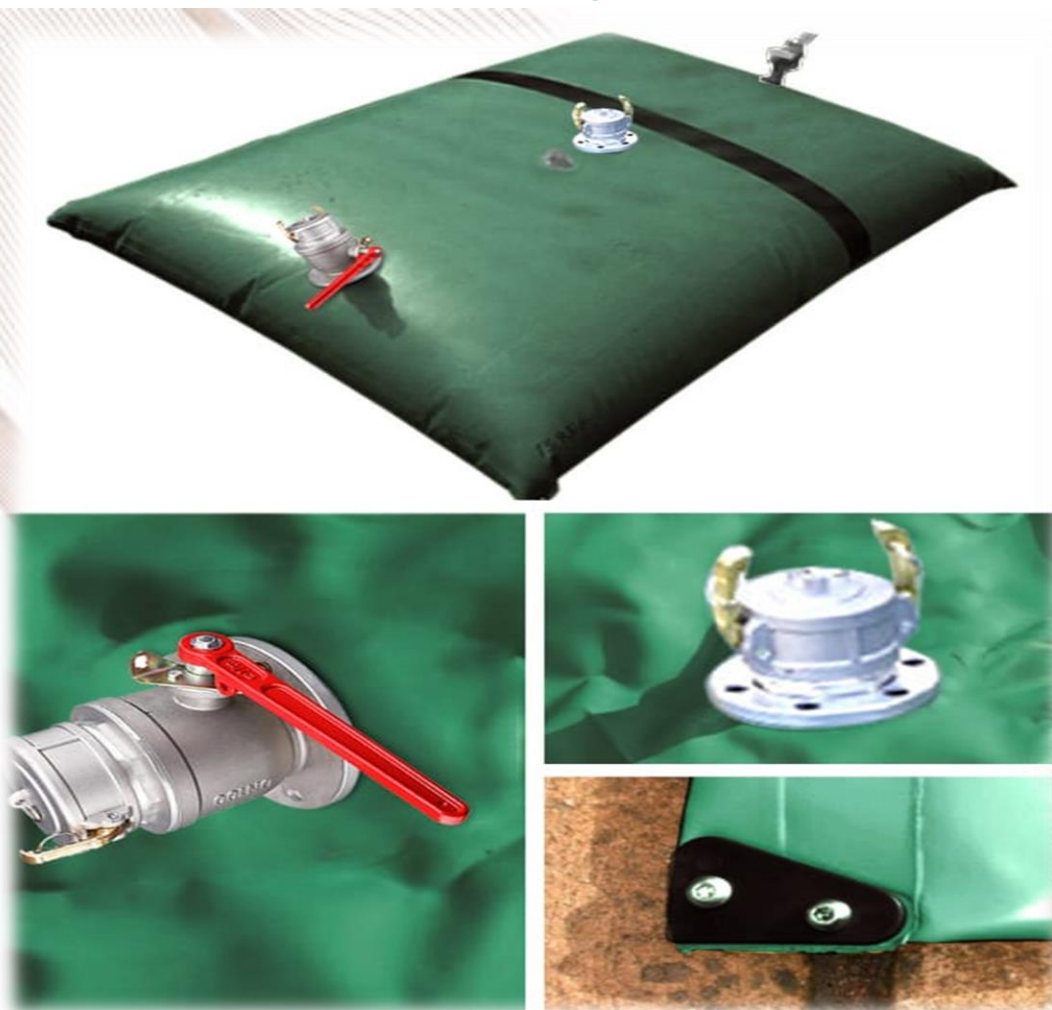
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2023版

**产品应用图册**  
PRODUCT CATALOGUE

## 7500 Liters TPU Fuel Bladder (Model No.: TCP7K24)



Pillow shape TPU tanks are robust, lightweight and specifically designed fuel storage tanks ideal for storing fuel in multiple environments. The TPU pillow bladder tank have been designed to meet the needs of field operatives, giving careful thought to how the tank will be transported and used. The advantages of using Pillow Tanks are motility, lightweight to transport, quick to install and easy to relocate. Food grade material is used for construction, as specified by Oxfam and UNICEF. The material is UV resistant and designed for use with chlorine making it ideal for use in hot climates where water disinfection is essential for health protection



## 7500 Liters TPU Fuel Bladder (Model No.: TCP7K24)

### ✓ Features

- TPU material, more safe, strong, flexible
- U V resistant and designed for use with chlorine
- Light-blocking inner black layer to inhibit algae growth
- Corner reinforcements to maximize durability
- 2 x 2" Aluminum Anodized inlet/outlet ports
- Quick to deploy
- Mobile

Pillow Tanks are fitted with an over-pressure relief valve and inspection/sampling port with threaded lid. The over-pressure relief valve avoids damage to the tank through over-filling with water. The red, lidded port can be used for dosing disinfection chemicals, or inspection. Corner reinforcements on each Pillow Tank ensure that the water tank does not leak, fixing the end of the high- frequency weld securely. Our pillow tanks are welded to a high standard, with thorough quality tests being part of standard manufacturing process.

### ✓ Basic information:

- Weight--kg: 46kg (net weight)
- Length--4.7M(inflated)
- Width--3.1M(inflated)
- Height--1M((inflated))
- Capacity: 7500L
- WRAS approved: Yes

## 7500 Liters TPU Fuel Bladder (Model No.: TCP7K24)

### ✓ TPU Material Physical Characters

Properties	Units	Test method	Average value
Base Fabric Yarn	Denier		1500 x 1500D
Base Fabric Density	Thread/inch	FZ/T01003	30x32
Finished Fabric Weight	Gram/m <sup>2</sup>	DIN 53352	1400±3%
Thickness	mm	DIN 53353	1.2
Tensile strength at MD	N/5cm	DIN 53354	5657
Tensile strength at CD	N/5cm	DIN 53354	5268
Tearing Strength at MD	N/5cm	DIN 53363	756
Tearing Strength at CD	N/5cm	DIN 53363	712
Adhesion Strength	N/5cm	DIN 53357	200
Temperature range	°C		-30 ~ +70
Anti Mildew			Optional
REACH			Optional
16P free			Optional
Color Fastness			Min 6



## 7500 Liters TPU Fuel Bladder (Model No.: TCP7K24)

### ✓ Fuel Pump



- Type: Fuel Pump
- Power: 220V 50HZ
- Flow Rate: 100 LPM
- Current Draw: 4.1 Amps
- IPP55 motor protection rating

### ✓ Component

- x1 Collapsible Bladder Tank of 7500 L
- ·x2 2"Female Aluminum Anodized inlet/outlets
- ·x1 2"Male Aluminum Anodized ball valve ·
- x1 2"Male BSP blanking cap ·
- x1 Roll of PTFE tape
- x10 Repair kit Patches and Glue
- Delivery Pipe of 10meter, flowmeter and delivery nozzle
- X1 1.2mm TPU Ground Sheet

## 7500 Liters TPU Fuel Bladder (Model No.: TCP7K24)

### ✓ Installation

The tank should be set up on a raised area (either higher ground or a constructed platform) to allow gravity flow.<sup>®</sup> All pillow tanks are supplied with an essential groundsheet, which is designed to be installed underneath the tank for protection.