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Dear Sirs,

According to your request please find the following information.

We use high-strength double-sided PVC fabric materials with densities of 900 g/m<sup>2</sup>.  
Please also find the corresponding fabric certificates attached.

Also, referring to the question about tensile strength please find the follow:

900 gr/m<sup>2</sup> - 4065 N/50 mm

## CERTIFICATE OF QUALITY

1. Test items: Tensile, Tearing and Adhesion Strength, Weight, Thickness, etc.

2. Tested Condition: Temperature: 25°C; Humidity: 55%

3. Testing Machine: Tensile Testing Machine

4. Test Result: (based on average value)

Date: 22/08/2024

PVC Material			Omega tent 900			
Specification			900gsm / 3000mm			
No.	Test Items	Unit	Result	Standard	Standard Test Method	
1	Total Thickness	mm	0.74		DIN EN ISO 2286-3	
2	Total Weight	g/m <sup>2</sup>	915	900±20	DIN EN ISO 2286-2	
3	Tensile Strength	Warp	N/50mm	4065	4000	EN ISO 1421
		Weft		3940		
4	Tearing Strength	Warp	N	601	550	DIN 53363
		Weft		518		
5	Adhesion Strength	Face	N/50mm	135	100	EN ISO 2411
		Back		128		
6	Application		tents, truck covers, awnings			
7	Result		Qualified			

Used method of PVC material production: addition polymerization (polyaddition).  
It's included plasticizer in PVC material is nearly 25 % (the tolerance ±5 %).  
There are three layers product in PVC material: inner layer is polyester yarn fabric, two external layers – PVC coating.

NEW MATERIAL





### CERTIFICATE OF CONFORMITY

Document No.: COC-20260615-001  
Date of Issue: [15/06/2026]  
Issued By: DALIAN YINGYU CO., LIMITED  
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We hereby declare that the following product(s) manufactured by us meet the specified standards and technical requirements:

#### 1. Product Details

- Product Name: Modular inflatable hydraulic dam (stabilized by water filling, reusable, for flood protection)
- Quantity: 1
- Contract / Project No.: DLYY2026061501
- Year of Manufacture: 2026

#### 2. Applicable Standards & Specifications

The above products are manufactured in accordance with the customer's technical specifications, including but not limited to:

1. Inflatable modular tube: length  $\geq$  25m, outer diameter  $\geq$  1m, with end junctions for connecting multiple tubes;
2. Material: PVC reinforced with high tenacity polyester fabric ( $\geq$  1100D), with internal reinforcement structure ( $\geq$  2 layers);
3. Material properties: thickness  $\geq$  1.2 mm, density  $\geq$  900 g/m<sup>2</sup>, resistant to UV radiation, mechanical abrasion, and contact with mud/impurities;
4. Accessories: repair kit for punctures/scratches, anchoring set (including ground fixings), water supply and drain hoses with STORZ 75 connections;
5. The product is new and unused, intended for operational interventions against floods, inundations and water accumulation on roads, buildings and infrastructure.

#### 3. Declaration of Conformity

We hereby confirm that the above-mentioned modular inflatable hydraulic dam fully complies with all the customer's technical specifications, material standards and accessory requirements listed above. All products have passed factory quality inspection and are suitable for the intended use as flood protection barriers.

This certificate is issued in accordance with the customer's project documentation requirements.

Authorized Signatory: Michael Lee

Name: Michael Lee

Title: General Manager

Company Seal: DALIAN YINGYU CO., LIMITED

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