



## Description

**SOFUCO** is a flexible PVC waterstop made from Polyvinyl Chloride with excellent heat resistance and elasticity. The product is designed to prevent water leakage at construction joints, expansion joints, and settlement joints in concrete structures. **SOFUCO** meets technical requirements in accordance with **TCVN ISO 9001:2015 standards**.

## Applications

- Waterproofing for construction joints, expansion joints, and settlement joints to prevent water penetration.
- Used in waterproofing works such as domestic water tanks, reservoirs, basements, tunnels, sewers, bridges, dams, etc.
- Available in various shapes and sizes to suit different waterproofing designs..

## Advantages

- Ribbed surface enhances bonding with concrete.
- Easy to cut and join, convenient for on-site installation.
- High elongation at break.
- Excellent flexibility and elasticity.

## Guidelines for Selecting Waterstop Width

The width of **SOFUCO** depends on the thickness of the concrete and structural design details.

The distance from the outer concrete edge to the waterstop should be at least 1/2 the width of the waterstop.

The width of **SOFUCO** should be greater than 6 times the size of the largest aggregate.

- Example: If the largest aggregate size is 20 mm → waterstop width  $\geq$  120 mm.

The distance between **SOFUCO** and the main reinforcement must be greater than 2 times the largest aggregate size.

## Installation Instructions

- Installation:

**SOFUCO** must be placed in the correct design position and securely fixed with steel reinforcement to ensure it does not shift during concrete pouring. Concrete must be well compacted around the waterstop to avoid voids.


- Jointing:

Heat both ends of the waterstop to approximately **180°C**, then press firmly using a heat welding machine to ensure proper bonding. Keep the joint fixed until it cools down and becomes solid.

 **Head Office & Factory:** :267A Pham Van Coi, Phu Hiep Hamlet, Phu Hoa Dong Commune, Ho Chi Minh City, Vietnam







 Phone/WhatsApp: 0903 643 566

 Website: [www.andatplastic.vn](http://www.andatplastic.vn)

 Email: [kd@andatplastic.vn](mailto:kd@andatplastic.vn)

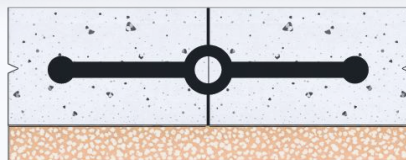
 Waterstop Brand Website: [www.sofuco.com](http://www.sofuco.com)

## Technical Specifications

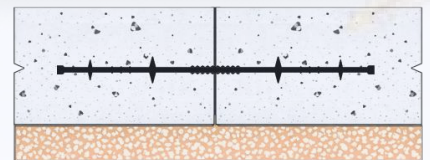
Property	Unit	Test Method	Specification
 <b>Color</b>	-	Visual inspection	 Blue / Yellow/ White/ Transparent
 <b>Density</b>	g/cm <sup>3</sup>	TCVN ISO 9001:2015	≤ 1.4
 <b>Hardness (Shore A)</b>	-	TCVN ISO 9001:2015	≥ 75
 <b>Tensile Strength</b>	MPa	TCVN ISO 9001:2015	≥ 12
 <b>Elongation at Break</b>	%	TCVN ISO 9001:2015	≥ 300



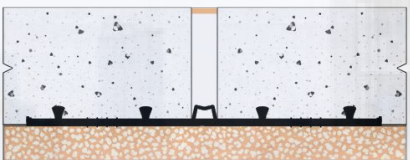
**Type O:** Prevents water leakage through construction joints.



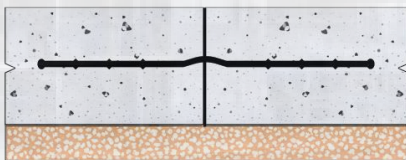
**Type O (Bulb Type):** Enhances water pressure resistance and improves waterproofing performance.



**Type V:** Used for expansion joints, allowing concrete movement due to its elasticity.



**Type E:** Designed for settlement joints or expansion joints with significant movement.



**Type KN92:** Used for special joint details or specific technical requirements.



**Head Office & Factory:** :267A Pham Van Coi, Phu Hiep Hamlet, Phu Hoa Dong Commune, Ho Chi Minh City, Vietnam



Phone/WhatsApp: 0903 643 566



Website: [www.andatplastic.vn](http://www.andatplastic.vn)




Email: [kd@andatplastic.vn](mailto:kd@andatplastic.vn)



Waterstop Brand Website: [www.sofuco.com](http://www.sofuco.com)

**TYPE O**


Installation Position:	Shape	Product Code	Width (mm ±3%)	Thickness (mm ±3%)	Roll Length
Expansion joints , contraction joints		S0150SP	150 mm	5	20 m
		S0200SP	200 mm	5	20 m
		S0250SP	250 mm	5	20 m
		S0320SP	320 mm	5	15 m
		S0150ST	150 mm	5	20 m
		S0200ST	200 mm	5	20 m
		S0250ST	250 mm	5	20 m
		S0320ST	320 mm	5	15 m

**Head Office & Factory:** :267A Pham Van Coi, Phu

 Hiep Hamlet, Phu Hoa Dong Commune, Ho Chi Minh City, Vietnam

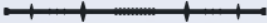
 Phone/WhatsApp: 0903 643 566

 Website: [www.andatplastic.vn](http://www.andatplastic.vn)

 Email: [kd@andatplastic.vn](mailto:kd@andatplastic.vn)

 Waterstop Brand Website: [www.sofuco.com](http://www.sofuco.com)

**TYPE V**


Installation Position	Shape	Product Code	Width (mm ±3%)	Thickness (mm ±3%)	Roll Length
Construction Joint		SV150SP	150 mm	3	20 m
		SV200SP	200 mm	3	20 m
		SV250SP	250 mm	3	20 m
		SV320SP	320 mm	3	15 m
		SV150ST	150 mm	3	20 m
		SV200ST	200 mm	3	20 m
		SV250ST	250 mm	3	20 m
		SV320ST	320 mm	3	15 m

**Head Office & Factory:** :267A Pham Van Coi, Phu

 Hiep Hamlet, Phu Hoa Dong Commune, Ho Chi Minh City, Vietnam

 Phone/WhatsApp: 0903 643 566

 Website: [www.andatplastic.vn](http://www.andatplastic.vn)


 Email: [kd@andatplastic.vn](mailto:kd@andatplastic.vn)

 Waterstop Brand Website: [www.sofuco.com](http://www.sofuco.com)

### TYPE O ( dày )

Installation Position	Shape	Product Code	Width (mm ±3%)	Thickness (mm ±3%)	Roll Length
Construction Joint ,Barrette Wall		SO200SP	200 mm	11	20 m
		SO250SP	250 mm	11	15 m
		SO200ST	200 mm	11	20 m
		SO250ST	250 mm	11	15 m

### TYPE E

Installation Position	Shape	Product Code	Width (mm ±3%)	Thickness (mm ±3%)	Roll Length
Expansion Joint, Settlement Joint		SE200SP	200 mm	5	20 m
		SE250SP	250 mm	5	20 m

**Head Office & Factory:** :267A Pham Van Coi, Phu Hiep Hamlet, Phu Hoa Dong Commune, Ho Chi Minh City, Vietnam


Phone/WhatsApp: 0903 643 566

Website: [www.andatplastic.vn](http://www.andatplastic.vn)

Email: [kd@andatplastic.vn](mailto:kd@andatplastic.vn)

Waterstop Brand Website: [www.sofuco.com](http://www.sofuco.com)

## TYPE KN92

Installation Position	Shape	Product Code	Width (mm ±3%)	Thickness (mm ±3%)	Roll Length
Construction Joint		SKN150SP	150 mm	3.5	20 m
		SKN180SP	180 mm	3.5	20 m
		SKN200SP	200 mm	3.5	20 m

### Packaging

- 10 m, 15 m, 20 m, 50 m
- Or customized upon customer request

### Storage and Preservation

- Store in a dry, well-ventilated area

### Health and Safety Information

- **Biodegradability:** Dispose of in accordance with local regulations
- **Transportation:** Non-hazardous
- **Toxicity:** Non-toxic
- **Important Note:** Avoid inhaling fumes and vapors during SOFUCO heat welding process

**Head Office & Factory:** :267A Pham Van Coi, Phu Hiep Hamlet, Phu Hoa Dong Commune, Ho Chi Minh City, Vietnam

Phone/WhatsApp: 0903 643 566

Website: [www.andatplastic.vn](http://www.andatplastic.vn)

Email: [kd@andatplastic.vn](mailto:kd@andatplastic.vn)

Waterstop Brand Website: [www.sofuco.com](http://www.sofuco.com)