

I 10-5 TYPE WATERSTOP

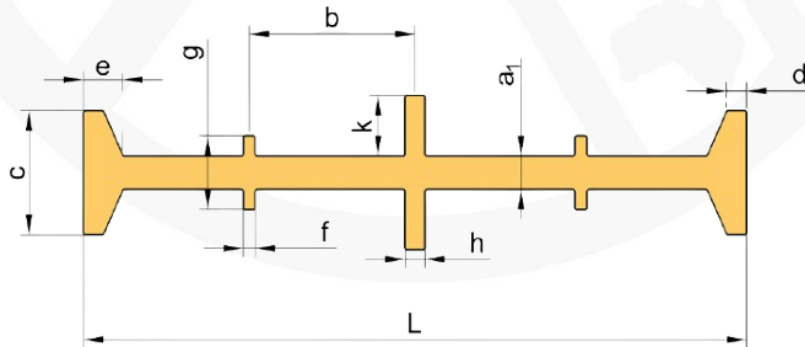
- It is used at the joints of raft foundation - raft foundation, raft foundation - shear wall or shear wall - shear wall in structures exposed to low and high water pressure in full and partial contraction joints.
- Waterstops can be joined to each other by heat (thermal) welding (150 °C - 180 °C).



TECHNICAL DATA

General Application Areas of Waterstop

- Dams,
- Irrigation canals,
- Water tanks, reservoirs,
- Water purification plants,
- Swimming pools,
- Docks Transmission tunnels,
- Hydroelectric power plants,
- Bridges,
- Metro constructions,
- Viaducts,
- Retaining walls,
- Slabs on ground and foundations,
- Industrial structures.



Product Code	L	a ₁	b	Set Quantity	c	d	e	f	g	h	k	Production Length
I 10-5	100 ± 2	5 ± 0.5	25	2	20 ± 2	3	6	2 ± 0.5	11 ± 0.5	3	10 ± 2	20 meters

Waterstop dimensions are in millimeters.

Mechanical Properties

Analysis	Basic requirement		Unit	Standard	
Tensile strenght (σ_0)	Average value	At least 14	N/mm ²	TS 3078	
	Smallest value	At least 12	N/mm ²	TS 3078	
Elongation rate at break (ϵ_0)	Average value	At least 225	%	TS 3078	
	Smallest value	At least 200	%	TS 3078	
Type A Shore durometer hardness rating (H_0)		75 ± 5	Shore A	TS 3078	
Unit volume mass (d)		1.27 ± 0.04	g/cm ³	TS 3078	
Water absorption rate by mass (s)		Maximum 1.5	%	TS 3078	
After aging	Tensile strenght	σ_1	Maximum 0.80 x σ_0	N/mm ²	TS 3078
		Rate of change	Maximum 20	%	TS 3078
	Elongation rate at break	ϵ_1	At least 0.80 x ϵ_0	%	TS 3078
		Rate of change	Maximum 20	%	TS 3078
	Type A Shore durometer hardness rating	H_1	$H_0 \pm 5$	Shore A	TS 3078
		Amount of change	± 5	Shore A	TS 3078
Residue fraction by mass (k)		Maximum 5.0 (m/m)	%	TS 3078	