

NOAQ Tubewall

Fact sheet



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NOAQ Tubewall is a temporary flood barrier. It consists of a number of air inflated sections ("tubes") that are interconnected by ordinary zips to form a continuous protective barrier.

- AIR INFLATED FLOOD BARRIER
- SELF-ANCHORING
- EASY TO HANDLE
- ADAPTABLE TO UNEVEN SURFACES

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AIR INFLATED FLOOD BARRIER

NOAQ Tubewall is a temporary flood barrier. It consists of a number of air inflated sections ("tubes") that are interconnected by ordinary zips to form a continuous protective barrier.

SELF-ANCHORING

Each tube is furnished with a skirt which lies on the ground on the flood side. When flood water enters the skirt, it is squeezed against the ground because of the water's own weight. The friction against the ground is anchoring the skirt, and hereby the entire tubewall. The higher water levels, the better anchoring, and the tubewall remains stable even if the water should rise to its top.

The NOAQ Tubewall comes in three sizes, TW50, TW75 and TW100 see technical specification.

Technical specifications	TW50	TW75	TW100
Tube diameter	50 cm	75 cm	100 cm
Max water level	50 cm	75 cm	100 cm
Tube length*	10 m	10 m	10 m
Width (skirt included)	1,7 m	2,4 m	3,2 m
Weight	3,5 kg/m	5,0 kg/m	7,0 kg/m
Inflation time	ca 2 min	ca 3 min	ca 5 min
Material	Reinforced PVC		
Temperature resistance	-30°C - +70°C		
Connection angles	Up to 90° in both directions		

**Other tube lengths on demand, minimum length 5 meter*



ACCESSORY TO THE NOAQ TUBEWALL



THE NOAQ PRESSURE GUARD is an accessory to the NOAQ Tubewall. It makes it possible to connect the tubewall to a compressor or a compressed-air installation. The device includes a pressure reducing valve that maintains the air pressure in the tubewall within the recommended interval, close to 7 kPa (70 mbar or 1 psi).

Pressure Guard - Technical specifications	
Pre-set output pressure	7 kPa (70 mbar, 1 psi)
Max. supply pressure	1,720 kPa (17.2 bar, 250 psi)
Flow*	0.8 m³/min
Supply side coupling**	Plug-in nipple Rectus ser. 25 SFIW 21
Tubewall side coupling	Monsun XG Ø 70 mm
Total weight	1.5 kg
Length of hose	2.0 m

**at a supply pressure of 900 kPa.*

***other coupling standards on demand.*

If an air leak should occur the pressure guard will immediately restore the pressure. The capacity of the pressure guard depends on that of the compressed-air system. With a sufficient compressed-air supply the maximum flow will be at least 0.8 m³/min. Still it is recommended that the ordinary handheld electrical blower is used for inflating the tubes, as it has a much higher capacity.