

# ABSORBENT MAT

## Melt-blown felts



High quality product, dedicated to remove leakages and stains of liquid fuels, diesel oil, gasoline, heating oil as well as solvents containing petroleum derivatives, alcohols, organic esters, fatty oils and fatty acids from hardened surfaces in rooms, on roads, on squares and from water surfaces.

Sorbents can be used wherever there is an urgent need to remove petroleum substances, but also where such a need is constant or temporal. It doesn't have to be a breakdown nor danger.

## FEATURES

Strong hydrophobic properties of the sorbent make it particularly effective to remove oil leakage and stains from water surface, as well as limiting and significantly reducing their surface area. It keeps oils while the water flows off completely. Sorbents placed on water surface do not sink and remain there also after absorbing the oil. The sorbent demonstrates the highest absorption for light liquid hydrocarbons, such as gasoline, light fuel oil and solvents. They do not apply to high viscosity oils (heavy fuel oil, lubricating oils). Nonwoven sorbents can absorb liquids up to 5-15 times bigger than their initial mass.

## Technical data

### Material:

polypropylene fibers – weight < 1g/ cm<sup>3</sup>

### Colour:

white

## Dimensions

80 cm x 120 cm

## Weight

- 100 g/ m<sup>2</sup>
- 200 g/ m<sup>2</sup>
- 300 g/ m<sup>2</sup>
- 500 g/ m<sup>2</sup>

## Available

- Pillows
- Hoses
- Sorption mats
- Cloth

	Maximum absorption of liquid crude oil			Maximum quantity of crude oil liquid remained in sorbent after dripping		
	Diesel oil	Fuel oil (light)	Fuel oil (heavy)	Diesel oil	Fuel oil (light)	Fuel oil (heavy)
	g/pcs	g/pcs	g/pcs	g/pcs	g/pcs	g/pcs
500g/m <sup>2</sup>	9000	5800	2800	4600	3300	2 800 not dripping
300g/m <sup>2</sup>	6600	4300	2600	3400	2400	2 600 not dripping
200g/m <sup>2</sup>	4400	2800	2200	2200	1500	2 200 not dripping
100g/m <sup>2</sup>	2200	1400	1000	1100	700	1 000 not dripping

## CONSTRUCTION

Absorbent mat is made of polypropylene fibers with a specific gravity <1g / cm<sup>3</sup>, guarantees unsinkability in the case of sorbed liquids is lighter than water. Also after the maximum saturation with the substance absorbed from the water surface. Any alien substances, including heavy metals and their compounds, soluble or suspended in the absorbed liquid are removed together with it.