



# Fire and explosion protection

## THERMAL ISOLATION OF VMP

It is a highly flexible isolation material with closed cell structure based on pressed elastomeric foam (see figures). This isolation is resistant to UV radiation and high temperatures. Due to the closed cell structure and low thermal conductivity, it prevents water vapor penetration and reduces energy losses. Isolation does not require additional treatment with protective coating, it is not in the sun and is resistant to accidental contact with oils.

It is an optional accessory.



DATA SHEET

TECHNICAL PARAMETERS	
Material	Foam based on synthetic rubber
Color of isolation	Black
Isolation thickness	10, 13, 19, 25 mm
Thermal resistance	-50°C to 150°C
Thermal conductivity	$\leq 0,040 \text{ W} \cdot \text{m}^{-1} \cdot \text{K}^{-1}$ at 0°C ( $\leq 0,045 \text{ W} \cdot \text{m}^{-1} \cdot \text{K}^{-1}$ at 40°C)
Diffusion resistance factor $\mu$	$\mu \geq 2500$
Fire behavior	Self-extinguishing, non-flowing, does not spread flame

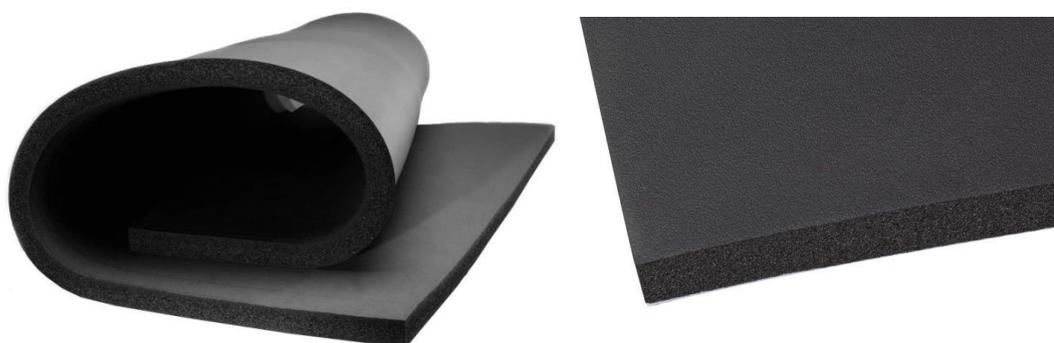


Fig. - Isolation detail

