

### ISOLPAK UV-PVC BLACK 360

#### Technical data sheet

Rigid UV-PVC jacketing film for insulation

#### Characteristics:

- The UV-PVC film is self-extinguishing by its nature. We produce normal and low inflammable types of this film.
- Acid-, alkali-, salt solution-, fat-, oil-, bacterium- and fungus-resistance.
- Excellent physical features, such as flexibility and elasticity.
- No special care or maintenance required due to antistatic components.
- Surface: smooth with dull finish on one side.

#### Description:

TTM Isolpak BLACK is a two layer laminate of PVC, coated with a special black UV protection film and a PVC backing. This system is highly punctured and tear resistant as well as flame retardant and can be used for exterior and interior facing of hot and cold insulation. It combines an excellent vapor barrier with water tightness. It is an easily useable material for rapid covering and it is extremely resistant to damaging environmental effects.

#### Packaging:

Compact, space-saving packaging, required storage space per pallet: app. 1 m<sup>2</sup>. Rolls packed lying on the pallet, thus easy to remove. Pallets are not stackable!

Packing units: 50 rolls of 25 m<sup>2</sup> each = 1250 m<sup>2</sup>/PLT.

#### Construction:



- UV-Protection film
- PVC (FR) BLACK

#### Technical data:

| Property                   | Norm         | unit             | Value                  |
|----------------------------|--------------|------------------|------------------------|
| Total weight               |              | g/m <sup>2</sup> | 499                    |
| Thickness appr.            |              | mm               | 0,360                  |
| Thickness tolerance        |              | mm               | ± 0,05                 |
| Width                      |              | mm               | 1000;<br>1065;<br>1200 |
| Width tolerance            |              | mm               | ± 2                    |
| Tensile strength           | EN ISO 527-3 | N/15mm           | > 285                  |
| Elongation at break        | EN ISO 527-3 | %                | 35                     |
| Tear strength              | EN ISO 527-3 | N                | 90                     |
| Puncture Ø 3,0mm           | prEN 14 477  | N                | 110                    |
| LOI (limited oxygen index) |              | % O <sup>2</sup> | 35,5                   |
| UV stability               |              | years            | app. 8                 |
| Sd-Value                   |              |                  | 1500                   |
| Temperature resistance     |              | °C               | -20 to<br>+70          |

Our products are the result of fundamental research. They correspond to the latest technical standard. For their useful application we give data and technical information to the best of our knowledge but, however, without any warranty. In special cases the user shall make his own tests to determine the suitability of the products for his purpose.