

Single Sided Foam Tape Offers Reliable Odour Control Seal

The world of tapes can be a confusing one – a multitude of options are available with different adhesions; performance abilities, functions, not to mention thicknesses, widths and compositions. In this case study Techsil worked with Corporate Engineering Ltd, specialists in odour control covers, to find the right tape for the job.

Our Customer

Corporate Engineering



Techsil Products Used

ITW Stokvis SSF3259

Corporate Engineering is an odour control specialist who designs, manufactures and fits covers for the waste water and industrial sectors. Situated in the Thames Valley area, Corporate Engineering provide custom built GRP covers designed to provide non-corrosive, lightweight solutions to odour control and health and safety problems.

Application

Techsil were contacted by Corporate Engineering who were looking for a single sided foam tape to provide a seal against odour on a cover designed for a water treatment facility. The required product needed to act as an effective water and air seal as well as being resistant to weather, corrosion, humidity and ageing.

Thickness and width were a consideration, the tape needed to be 50mm wide and 6mm thick. A minimum of 76 meters was required and the lead-time was critical.

Solution

Due to a tight lead-time Techsil needed to offer a product which not only matched the application requirements, but was also in stock ready to be cut to size and despatched straight away.

Stokvis SSF3259, a single sided compression sealant foam tape, was the solution put forward. This grade consists of a medium hard PVC carrier which works to reduce the dimensional change during application making it easier to apply. The foam itself is made up of mainly closed cells which require a minimum of 30% compressions to create an effective water seal. The adhesive found on the one side of this tape is a pure acrylic solvent based adhesive suitable for both indoor and outdoor applications.

Customer Benefits

- Very fast, bespoke solution
- Technical guidance
- Seamless stock supply

Size and width are never a problem for Techsil. Tapes come on 1 to 3m logs and can be lathe slit to any custom width thanks to Techsil's on-site cutting facility. SSF3259 rolls are available in thicknesses ranging from 3mm up to 15mm, for this application a 6mm log was chosen which was then slit into 50mm wide rolls.



The Service

As a UK-based distributor, Techsil's chains of command are short so have the ability to work with both speed and flexibility provide a direct benefit to customers.

Corporate Engineering were provided with their solution on the first phone call to Techsil, from the first person they spoke to. Within 15 minutes of the call ending the bespoke listing was not only live on Techsil's website and ready to order, but due to the time urgency, the rolls were cut to size ready for despatch as soon as the order came through. The rolls were despatched on a next day courier service which provides the customer with a 1-hour delivery window notification – so they knew exactly when to expect it.

Contact us for more information on our bespoke tape cutting service:

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