



Minkon introduce Texform Waterproof Sealed Jackets manufactured in the UK.

In keeping with Minkon's continuous development strategy the company has recently acquired the facilities to produce bespoke Gaskets, Heatshields and Jackets. To meet the specific requirements of the utilities and similar markets we have developed a new innovative product, a range of **Waterproof Sealed Thermal Jackets**.

Background to the product development

For many years now it has been common practice to insulate valves and flanges etc using insulation jackets typically secured with velcro and drawcords. The standard method of manufacturing these jackets is to use siliconised glass cloth with a mineral fibre filling. These are sewn together.

This construction method leads to leakage through the sewn seams allowing water to build up inside and be trapped within the mineral fibre filling. This seriously reduces its insulating capacity and can also lead to freezing in cold conditions. An additional problem occurs when the jacket is exposed to contaminated water as this too is drawn into the jacket filling. This cannot be cleaned therefore requiring replacement of the jacket.

An alternative form of construction using heat sealable material is available. All the joints around the insulation pocket are sealed giving a watertight jacket which can be hosed clean. We have decided after consultation with maintenance teams that the use of velcro is best avoided. This is because the Velcro materials hold water which can freeze and also retained contamination. Our preferred securing method is by use of straps and 'D' rings. Drawcords can be incorporated if required and these can be replaced if they become contaminated.

Due to the materials used the limiting upper temperature is 90°C whilst it will still retain flexibility down to -25°C. We have also more specialised materials, again glass free, that can withstand temperatures of up to 320°C should the process need dictate this.



Our other products



Premium Heat Resistant Gaskets – Produced from high quality materials Texform can produce a wide range of gaskets and seals. Utilising a range of cutting and pressing facilities at our UK plant Minkon are capable of meeting customer's specific requirements whilst maintaining quality and cost effective supply.

Heat Shields and Thermal Jackets. – The new facilities at Minkon are capable of manufacturing heatshields and flexible thermal insulation jackets to fine tolerances. Utilising knowledge gained in design, test and supply the optimum solution to satisfy customer needs for applications in some of the most arduous working environments.

**ENGINEERED PRODUCTS FOR
EXTREME TEMPERATURES AND ENVIRONMENTS**

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