



Cert. No. LRQ 0963008

ISO 9001

# spirax/sarco

TI-P136-07  
ST Issue 5

## IJ-MFP

### Insulation Jackets for MFP Automatic Pumps

#### Description

A range of tailored insulation jackets for fitting to automatic pumps type MFP.

#### Sizes

Jacket type	Pump size	Pump type
	DN25	MFP14
	DN40	MFP14
	DN50	MFP14, MFP14S and MFP14SS
IJ-MFP	DN80 x DN50	* Pre date code A05: MFP14, MFP14S and MFP14SS
		* Post date code A05: MFP14

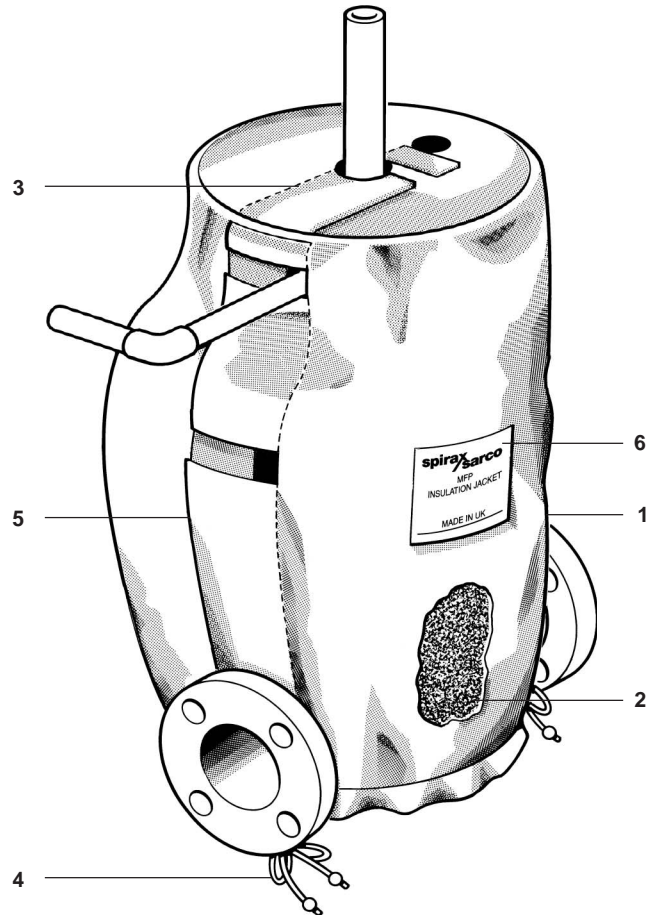
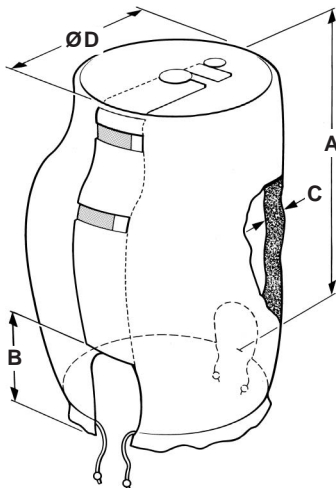
#### Limiting conditions

Maximum service temperature	220°C
Insulation thermal conductivity	0.044 W/m K at 100°C
Maximum weight	4.5 kg

#### Materials

No.	Part	Material
1	Jacket covering	Silicone coated glass fibre
2	Insulation	Mineral fibre
3	Stitching	Polyester cotton
4	Draw cord	Nylon
5	Fastening	Velcro
6	Label	Nylon

#### Dimensions/mass (approximate) in mm and kg



Size	A	B	C	ØD	Mass
DN25 and DN40	610	215	50	355	3.0
DN50	720	255	50	355	4.0
DN80 x DN50	Pre date code A05	720	255	355	4.0
	Post date code A05	720	255	355/555	4.5

#### How to order

**Example:** 1 off IJ-MFP insulation jacket to fit a DN50 MFP14 automatic pump.

\* **Note:** For the DN80 x DN50 type MFP14 a date code is required when ordering an insulation jacket - see the name plate on MFP14 pump cover.

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Local regulations may restrict the use of this product to below the conditions quoted.  
In the interests of development and improvement of the product, we reserve the right to change the specification.

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**IMPORTANT - SAFETY INFORMATION  
PLEASE READ CAREFULLY**

**Hazards to be considered when installing/maintaining this product.**

**Installation**

Before attempting to fit the insulation jacket ensure the pump and all surrounding pipework is cool and wear appropriate safety clothing to avoid the danger of burns.

Do not attempt to disconnect any pipework to fit this product - it will simply fit around the pump and associated pipework.

**Disposal**

There are no hazardous materials used in the construction of this insulation jacket. However, contact with the inner mineral fibre filling should be avoided as this may cause minor skin irritation. Unwanted material should be disposed of in a safe and environmentally friendly manner.

**Installation**

This IJ-MFP jacket should be fitted after the automatic pump has been installed, it is a one piece construction and there is no need to disconnect any pipework. The jacket can be quickly and easily fitted by following the procedure below.

1. Slacken off the two draw cords at the bottom of the insulation jacket.
2. With the Velcro side straps aligned with the discharge side of the pump, carefully lower the jacket over the top of the pump, making sure the two slots in the lower part of the jacket locate over the neck of the inlet and outlet flanges.
3. When the jacket is fully lowered to the base of the pump, tighten the draw cords ensuring a secure fit around the base and flanges.
4. The two draw cords should now be tied in a bow.
5. Finally, the Velcro side and top straps should be tightly overlapped and fastened down ensuring the jacket is firmly fitted around the pump.

The removal procedure is the reverse of the above.

**Please note:-** It is unnecessary to remove the whole jacket to maintain the pump, only the top and side Velcro straps need to be unfastened to gain access to the pump cover and inlet/exhaust.