Thermal and acoustic insulation textile jackets

Model 008

EN ASME/ANSI

They help to reduce heat loss, protect against frost and adverse weather conditions, noise attenuation and work as a preventive measure in work-place safety, etc.

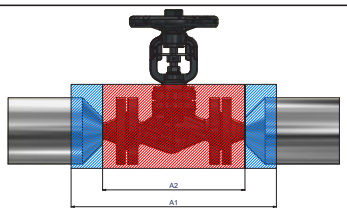
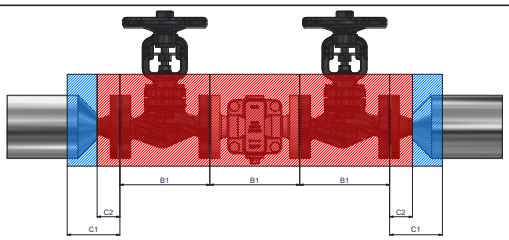
Specifications

– VYC thermal and acoustic insulation textile jackets are designed and manufactured to measure for our valves, but we are able to adjust them to any other valve or installation on the market. Remember that only our original products will offer the maximum guarantee.
– Heat loss in an insulated valve is reduced by more than 90%. This means saving on energy, especially in large gate valves, which allows for a short-term return on the investment.
– The jackets can easily and repeatedly be put on and taken off. Access to maintain or repair the valve is easy and quick. Repositioning the jacket avoids the additional costs of renewing the classic static insulation.
– Installation does not require any additional materials or special tools, or even experience.

IMPORTANT
On demand:
– Possibility to be manufactured in other materials, thicknesses, etc.
– We can provide solutions for marine environments, resistance to acids, water tests, etc.
– Includes a leakage detection system. (https://vycindustrial.com/vycweb/valvules/instruccions_complementaries/008.en.pdf).

No. PIECE	PIECE*	MATERIALS	
1	Jacket	Interior	430 g/m2 fibreglass with 80 g/m2 external silicone coating
		Insulation	Fibreglass (Needlemat) 24-36 mm in width
		Exterior	430 g/m2 fibreglass with 80 g/m2 external silicone coating
		Seams	Braided stainless steel thread with aramid fibre (Twaron-Kevlar)
2	Cords	2 mm galvanised steel cable	
3	Adjusting pin	Galvanised steel	
4	Clasp	Galvanised steel	
5	Adjustable straps	Velcro	
6	Document pouch	430 g/m2 fibreglass with 80 g/m2 external silicone coating	
7	Temperature gauge		
8	Pre-installation of leakage detector	Velcro	
9	Leakage detection system	See: IMPORTANT On demand:	

* Depending on valve size, pieces may vary.

MODEL 008			
TYPE	A	B	C
	Single valve	Chained valves	Two terminals per chain
	Two cords and adjustment pins	Without cords or adjustment pins	With a cord and adjusting pin
Overall jacket length	A1	B1	C1
Isolated zone length	A2	B1	C2
CODE	2401-008.xxxx		
For any chained combination it is necessary to install a termination at the beginning and another at the end. (C + B +.....+ B + C)			

Service conditions
The fibreglass can withstand temperatures of more than 500°C.
The external silicone coating can withstand continued temperatures of up to 250°C. This temperature will never be reached on the outside of the jacket. On rare occasions, when the internal temperature exceeds this level, some smoke may appear. This is due to the fact that the silicone film that covers the interior lining can burn. Once this disappears the jacket will stop emitting smoke.
All the materials have been carefully selected for their resistance to wear and temperature. None of them are flammable and so the jacket is completely fireproof.

Temperature gauge
This is a prevention system to avoid accidents through burns.
The gauge will detect and emit a warning when the external zone of the jacket exceeds 60°C. In this case, the temperature gauge changes from black to red and displays hot surface warning symbols.
This is how we avoid accidents through burns.
As soon as the temperature decreases, the symbols disappear and the gauge gradually returns to its original colour.
This is currently the only insulation jacket that includes the temperature gauge as standard.


-49°C ÷ 59°C


60°C


120°C

Document pouch
The use of the document pouch allows us to keep the documentation and/or information necessary for identifying the features of the insulated valve or piece of equipment without needing to take the jacket off.

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