



# Torico JACKET

By reducing heat dissipation from industrial heat source equipment, we achieve **energy conservation** and **CO<sub>2</sub> reduction**.



CO<sub>2</sub> Reduction



Improved Working  
Environment



Zero Industrial  
Waste

Suppressing heat dissipation from industrial heat source equipment,  
achieving **energy conservation** and **CO<sub>2</sub> reduction**.

# TORICO JACKET (Insulation Jacket)

Immediate action for global warming countermeasures



**Environmentally friendly** for both people and the planet



**Reduces heat loss** and improves the working environment



**Reusable**, contributing to zero industrial waste



## Energy Saving & Comfortable Environment

By achieving energy efficiency in equipment,  
we contribute to CO<sub>2</sub> reduction.

Point 01

Significantly Reduce Heat Dissipation Just by Installing the Torico Jacket!

### BEFORE

Due to high-temperature steam piping,  
surface temperatures rise, creating  
burn risks for workers.

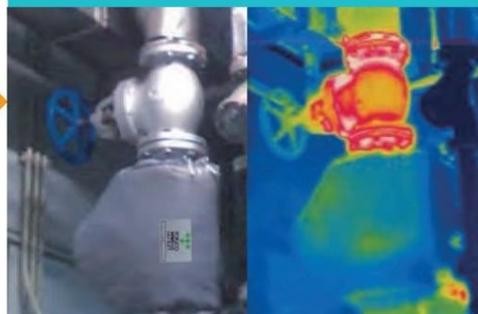


TORICO JACKET  
INSTALLED

**Drastically cuts heat  
dissipation in  
insulated areas!**

### AFTER

Improved thermal efficiency reduces the  
impact on surrounding temperatures. Great  
enhances the working environment.



### Energy Conservation & CO<sub>2</sub> Reduction

By reducing heat dissipation in operating equipment and improving thermal efficiency, energy consumption can be decreased. This results in improved usage efficiency of heat sources, while maintaining a stable holding temperature, leading to shorter startup times and minimized environmental temperature fluctuations.

### Improved Work Environment

Covering heat sources prevents burns and provides insulation against impact. Additionally, suppressing heat radiation helps maintain a stable room temperature at a comfortable level, significantly improving the workplace environment.

Widely adopted in various locations

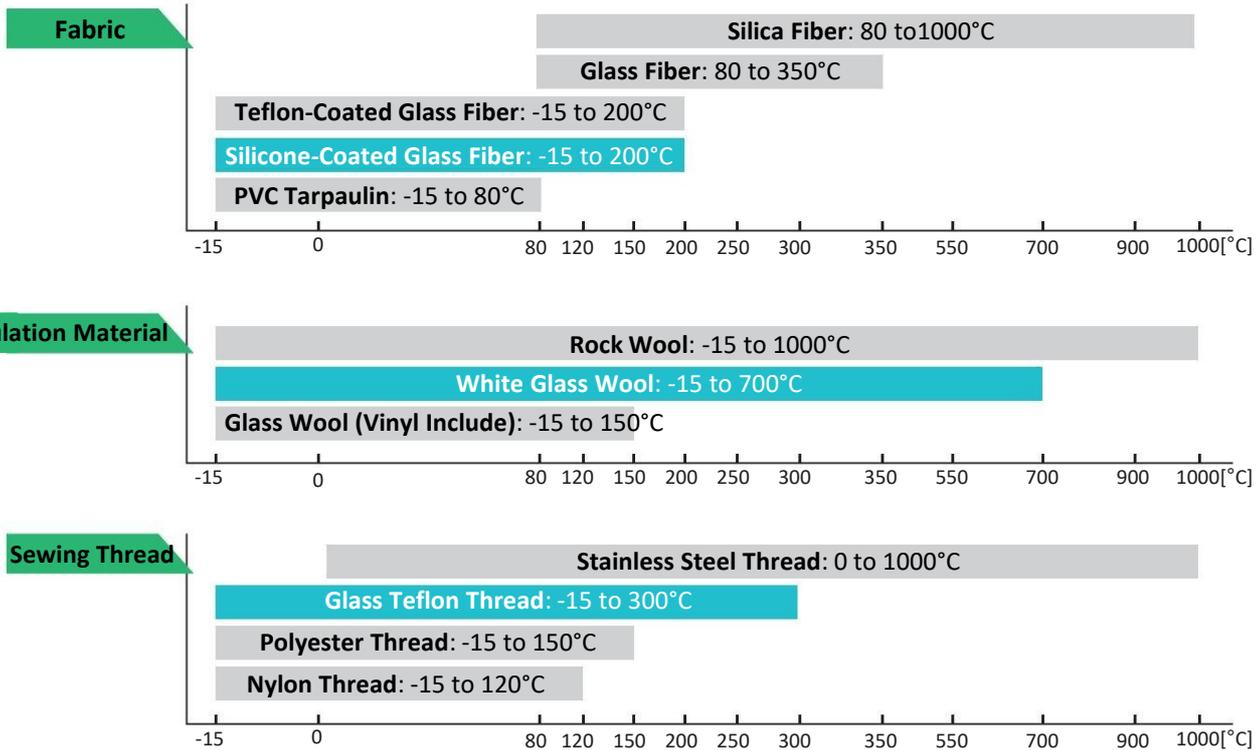


# High-Quality Fabric, Insulation Material, and Sewing Thread

## for Superior Durability

### Point 02

Our product is made using high-durability, flexible glass cloth for both inner and outer layers, crafted with integrated sewing. Additionally, it provides soundproofing benefits for equipment such as compressors.



The materials used in the components conform to the specifications listed above and represents the standard specifications (materials) of our regular products. If you provide us with details regarding the surface temperature of the equipment, installation environment, and other usage conditions, we will select and propose the most suitable materials based on past installation records. If you require manufacturing with special materials beyond those listed above, please contact us.

## Maximizing the Potential of Existing Equipment

### Easily Installable Thermal Insulation Jackets

These all-weather, easy-to-attach and remove insulation jackets can be used anywhere. They also support periodic inspections, replacement of worn parts, and repairs.

### Point 03

USE  
1

#### Anti-Freezing Application

The outer layer features a silicone-coated glass fiber, while the inner layer uses high-density glass wool to minimize airflow and prevent condensation, effectively preventing freezing.



USE  
2

#### Cold & Low-Temperature Insulation Application

Designed to reduce condensation on cold or low-temperature surfaces, this insulation jacket mitigates condensation in high-temperature and high-humidity environments.



USE  
3

#### Steam Piping & Valve Application

Replacing conventional metal cladding insulation, these jacket-type insulation covers are simple to install and remove. They also eliminate industrial waste during maintenance and inspection.



USE  
4

#### High-Temperature Equipment Application

Customized for high-temperature equipment exceeding 500°C, such as boilers, heat exchangers, turbines, and steam heaters. These jackets are tailored to match the specific shape and characteristics of the machinery.



The images shown are examples of installed products.

# Torico JACKET

## Product List

In addition to the products listed, we also offer a variety of custom-made options, including ball valves, automated control valves, and many other safety-related specifications.



for Pressure Reducing Valves

for Flanges

### For Pressure Reducing Valve

Size		Product Code (Flange Type)		Thick-ness
B	A	JIS10K	JIS16K/20K	
1/2	15	REF101	REF201	15 mm
3/4	20	REF102	REF202	
1	25	REF103	REF203	
1•1/4	32	REF104	REF204	30 mm
1•1/2	40	REF105	REF205	
2	50	REF106	REF206	
2•1/2	65	REF107	REF207	
3	80	REF108	REF208	
4	100	REF109	REF209	
5	125	REF110	REF210	
6	150	REF111	REF211	
8	200	REF112	REF212	
10	250	REF113	REF213	
12	300	REF114	REF214	

### For Flange (Welded and Screwed Type)

### For End Flange (Plate Flange and Closed Flange)

Size		Product Code (Flange Type)		Thick-ness	Product Code (End Flange Type)		Thick-ness
B	A	JIS10K	JIS16K/20K		JIS10K	JIS16K/20K	
1/2	15	F101	F201	15 mm	EF101	EF201	15 mm
3/4	20	F102	F202		EF102	EF202	
1	25	F103	F203		EF103	EF203	
1•1/4	32	F104	F204		EF104	EF204	
1•1/2	40	F105	F205		EF105	EF205	
2	50	F106	F206	30 mm	EF106	EF206	30 mm
2•1/2	65	F107	F207		EF107	EF207	
3	80	F108	F208		EF108	EF208	
4	100	F109	F209		EF109	EF209	
5	125	F110	F210		EF110	EF210	
6	150	F111	F211		EF111	EF211	
8	200	F112	F212		EF112	EF212	
10	250	F113	F213		EF113	EF213	
12	300	F114	F214		EF114	EF214	

### For Globe Valve (Ball Type Valve / Stop Valve)

### For Gate Valve (Gate Valve / Sleeve Valve)

Size		Product Code (Flange Type)		Thick-ness	Product Code (Threaded Type)		Thick-ness
B	A	JIS10K	JIS16K/20K		JIS10K	JIS16K/20K	
1/2	15	G□F101	G□F201	15 mm	G□S101	G□S201	15 mm
3/4	20	G□F102	G□F202		G□S102	G□S202	
1	25	G□F103	G□F203		G□S103	G□S203	
1•1/4	32	G□F104	G□F204		G□S104	G□S204	
1•1/2	40	G□F105	G□F205		G□S105	G□S205	
2	50	G□F106	G□F206	30 mm	G□S106	G□S206	30 mm
2•1/2	65	G□F107	G□F207				
3	80	G□F108	G□F208				
4	100	G□F109	G□F209				
5	125	G□F110	G□F210				
6	150	G□F111	G□F211				
8	200	G□F112	G□F212				
10	250	G□F113	G□F213				
12	300	G□F114	G□F214				



for Globe Valve

\* For the product codes mentioned above, please include L (for globe valve) or A (for gate valve) in the code.

### For Y-Type Strainer

Size		Product Code (Flange Type)		Thick-ness	Product Code (Threaded Type)		Thick-ness
B	A	JIS10K	JIS16K/20K		JIS10K	JIS16K/20K	
1/2	15	YSF101	YSF201	15 mm	YSS101	YSS201	15 mm
3/4	20	YSF102	YSF202		YSS102	YSS202	
1	25	YSF103	YSF203		YSS103	YSS203	
1•1/4	32	YSF104	YSF204		YSS104	YSS204	
1•1/2	40	YSF105	YSF205		YSS105	YSS205	
2	50	YSF106	YSF206	30 mm	YSS106	YSS206	30 mm
2•1/2	65	YSF107	YSF207				
3	80	YSF108	YSF208				
4	100	YSF109	YSF209				
5	125	YSF110	YSF210				
6	150	YSF111	YSF211				
8	200	YSF112	YSF212				
10	250	YSF113	YSF213				
12	300	YSF114	YSF214				



for Y-Type Strainer

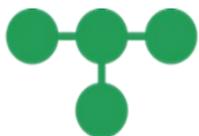
### For Check Valve (Non-return Valve / Check Valve)

Size		Product Code (Flange Type)		Thick-ness	Product Code (Threaded Type)		Thick-ness
B	A	JIS10K	JIS16K/20K		JIS10K	JIS16K/20K	
1/2	15	CHF101	CHF201	15 mm	CHS101	CHS201	15 mm
3/4	20	CHF102	CHF202		CHS102	CHS202	
1	25	CHF103	CHF203		CHS103	CHS203	
1•1/4	32	CHF104	CHF204		CHS104	CHS204	
1•1/2	40	CHF105	CHF205		CHS105	CHS205	
2	50	CHF106	CHF206	30 mm	CHS106	CHS206	30 mm
2•1/2	65	CHF107	CHF207				
3	80	CHF108	CHF208				
4	100	CHF109	CHF209				
5	125	CHF110	CHF210				
6	150	CHF111	CHF211				
8	200	CHF112	CHF212				
10	250	CHF113	CHF213				
12	300	CHF114	CHF214				



for Check Valve

\*In addition to various valves, insulation jackets can also be applied to straight pipe sections, branch pipes, and other parts. All jackets must be installed with insulation material thickness matching or exceeding the insulation material around the equipment. If the jacket is in contact with the pipe support or similar structures, it cannot be installed without modification. In such cases, please consult us for customized adjustments (shape modification). If you have any unclear points, please contact us.



**TORICO**  
株式会社トリコ

## TORICO SDN BHD

Address : No. 20-1, Jalan PPM 13,  
Plaza Pandan Malim Business Park,  
Balai Panjang, 75250 Melaka, Malaysia.  
Mobile : +6012-532 7867 / 011-6335 8823 /  
012-829 7867

## Contact Information

Office Email: salesmy@torico-ltd.co.jp  
Shopee Store: www.shopee.com.my/torico.my  
Online Shop: [www.toricomall.com](http://www.toricomall.com)  
Website: [www.torico-ltd.co.jp](http://www.torico-ltd.co.jp)