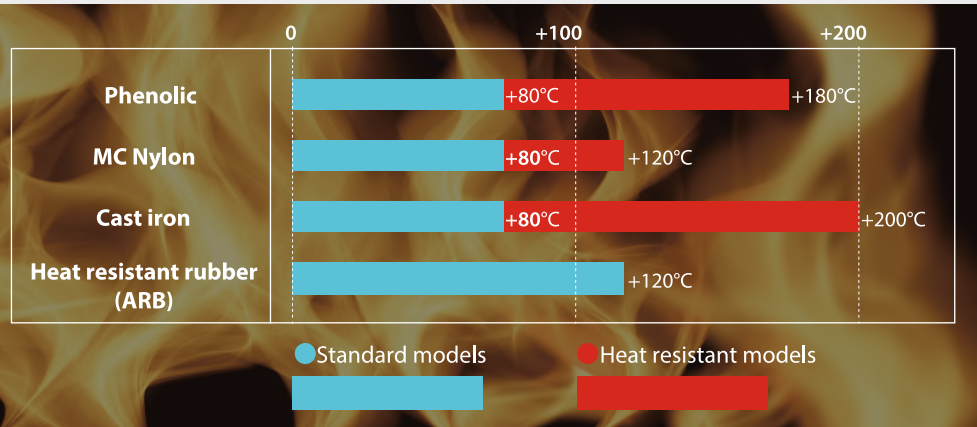


Defying the Heat.



Temperature range of use for Heat resistant wheels



Customizing to Heat resistant models

Using casters or wheels in high-temperature environments requires customization to a heat-resistant model. The appropriate model will depend on factors such as the maximum temperature, heat type (dry heat or humid heat), etc. Please consult our sales office for more information.

● Changes required for Heat-resistant customs

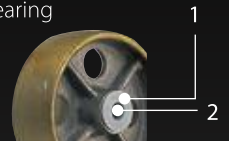
■ To order for casters;

1. Wheel bush
(Phenol wheel & cast iron wheel)
2. Grease applied to wheel bearing
3. Grease applied to swivel section & O-ring at swivel section (if applied)
4. Stopper pad
(only applied to some stopper models)



■ To order for wheels only;

1. Wheel bush
(Phenol wheel & cast iron wheel)
2. Grease applied to wheel bearing



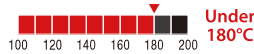
Cast Iron wheel



Availability DRY WET HEAT HIGH PRESSURE

Excelling in heat resistance, cold resistance, and load-bearing capacity, it is suitable for transporting extremely heavy objects.

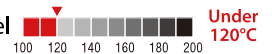
Phenol wheel



Availability DRY

Commonly known as Bakelite, it has high heat resistance especially to dry heat. It is not suitable to use under humid heat.

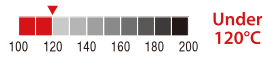
MC Nylon wheel



Availability DRY WET HEAT HIGH PRESSURE

A high-performance plastic material that has excellent heat resistance and can be used under both dry heat and humid heat.

Heat resistant rubber wheel



Availability DRY WET HEAT

Commonly known as nitrile rubber, it has excellent heat resistance and can be used under both dry heat and humid heat.



The "DRY" refers to dry heat generated in environments such as drying furnaces or ovens.



The "WET HEAT" refers to moist heat or steam, generated in environments such as sterilization or disinfection processes.

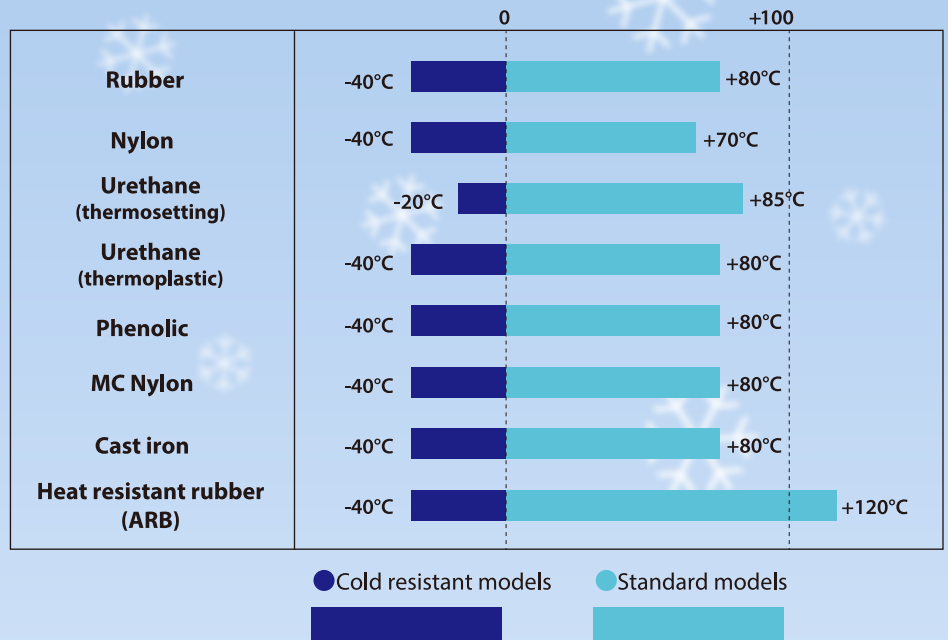


The "HIGH PRESSURE" refers to high-pressure environments, such as autoclaves.

Defying the Freeze.



Temperature range of use for Cold resistant wheels



Customizing to Cold resistant models

Using casters or wheels in low-temperature environments may be necessary to make specifications for cold resistance. Additionally, proper usage that is suitable for low-temperature environments is required. Please consult our sales office for more information.

● Changes required for cold-resistant specifications

■ To order for casters;

1. Grease applied to wheel bearing
2. Grease applied to swivel section



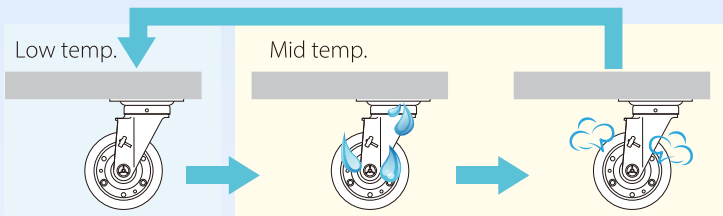
■ To order for wheels only;

1. Grease applied to wheel bearing

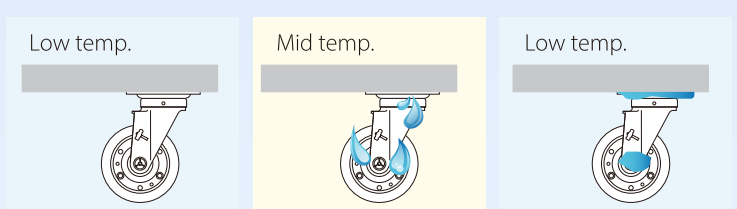


Please be cautious of condensation.

○ Please ensure thorough drying after exiting low-temperature environments.



✗ Using the casters in a low-temperature environment without sufficient drying after condensation can result in freezing, leading to difficulties in steering and the rotation of the wheels.



*Physical properties may degrade in low-temperature environments, leading to increased risk of damage or breakage.



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