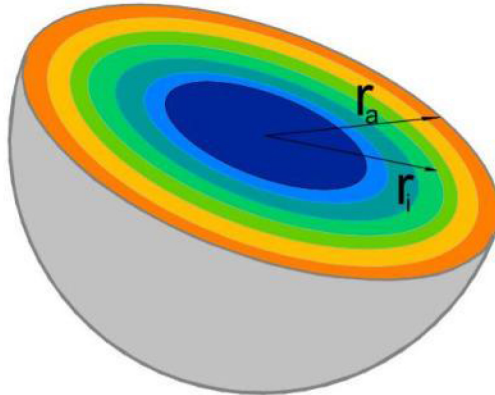




**JEKUSOL**  
We store Energy

**JEKUSOL**

**JEKUBALL**



The figure above is a sectional view of the JEKUball. Smaller diameter allows PCM to melt faster, resulting in shorter heat storage time for each storage container.

**Product Advantages**

- Available for mixed storage
- High storage capacity
- Can be filled with a variety of PCM
- Different sizes available
- Each PCM corresponds to a specific energy storage ball color
- Constant exothermic temperature
- Diffusion tight
- Non-corrosive
- Temperature reaches up to 100 °C
- Can be installed on site
- Using environmentally friendly PCMs



JEKUball is encapsulated by chemically stable polymer material. It can be used for a long time at -20°C-100 °C. It is non-polluted and non-corrosive. It can be used to encapsulate various PCMs.

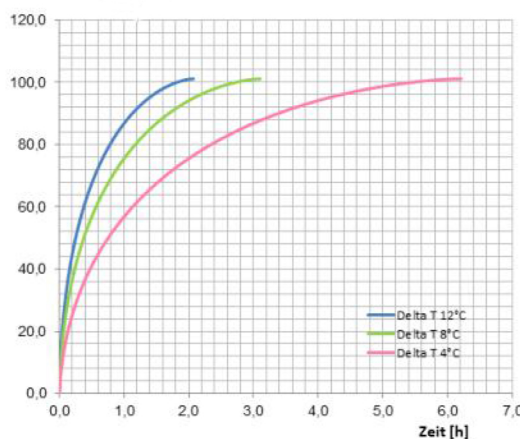
Internally filled with different PCMs, different temperatures can be achieved. JEKU58 can be filled for heating; JEKU5-JEKU10-JEKU24 can be filled for refrigeration. Different PCMs are distinguished by packages with different color .

**Storage capacity of 85 mm JEKUball with different PCMs**

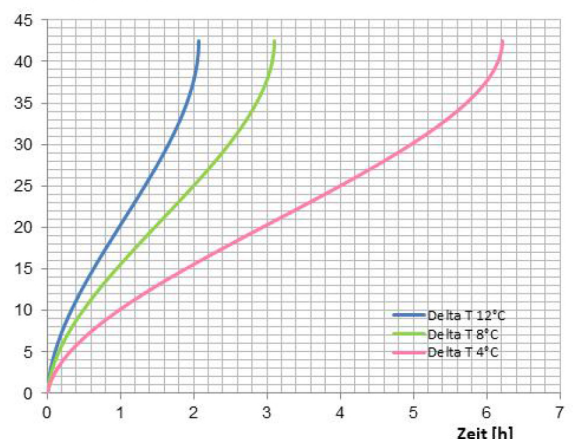
JEKU-Ball	weight	charge capacity	5K	10K	15K	20K	30K	40K
JEKU-11	500 g	KJ	102.7	109.1				
#		Wh	28.5	30.3				
JEKU-42	410 g	KJ	65.4	69.7	73.9	78.1		
#		Wh	18.2	19.4	20.5	21.7		
JEKU-58	440 g	KJ	93.2	98.7	104.7	108.5	118.9	
#		Wh	25.9	27.4	29.1	30.1	33.0	
JEKU-76	420 g	KJ	91.2	95.8	100.4	103.9	110.9	117.9
#		Wh	25.3	26.6	27.9	28.9	30.8	32.8

Material No.: 4 (take JEKU-58 as an example, temperature range -25°C-58 °C)

**Capacity (KJ)**



**Diameter (mm)**



Take a ball with a diameter of 85mm as an example. Take a ball with a diameter of 85mm as an example.

Figure1: Time-Energy

Figure2: Time-Diameter

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