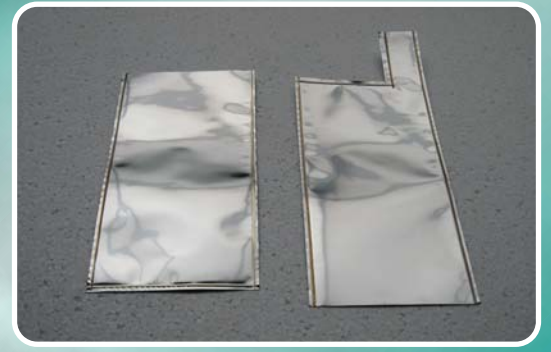


ELEPAK



How do you **cope** with **oxidization** and **decarburization**?

When the ELEPAK is used;

- Prevents oxidization and surface decarburization from occurrence.
- Solves insufficient hardness.
- Simplifies post-processing.



When the ELEPAK is not used;

- Oxidization and surface decarburization occur.
- Hardness is insufficient.
- Surface polishing is required in post-processing.

Heat-treated result



ELEPAK vacuum system

Before

Heat-treated result



Unglazed

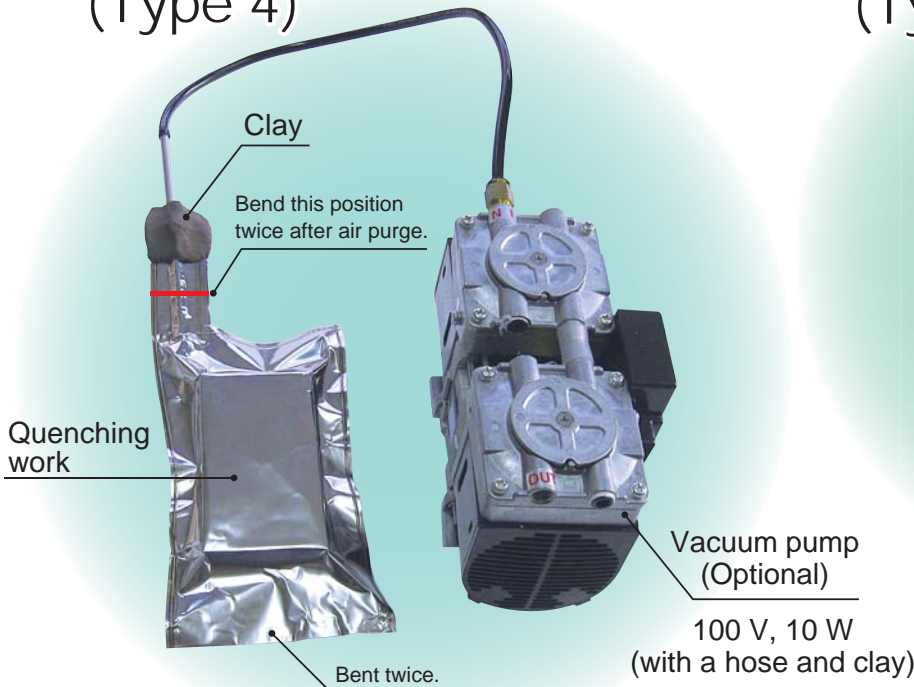
After

- Bright heat treatment can be performed by direct heating and cooling after sealing.
- The ELEPAK prevents a work from being oxidized and decarburized instead of a vacuum furnace and atmosphere furnace, **solves rough surface or insufficient hardness**, and shows its power for **power-saving of a finishing process**.



HATA ELECTRIC MFG. CO., LTD.

Vacuum system (Type 4)



Reducing agent system (Type 2)



A roll-shaped stainless foil (of 10 m) is also available. We can also accept an order of special dimensions. Please contact us for more details.

● The ELEPAK is a bag-shaped product in which a stainless foil was machined. There are two kinds of a vacuum system and reducing agent system.

Vacuum system (Containing 10 bags per set)

Type	Dimensions (m/m)
A-4	100 × 200 × 0.06
B-4	200 × 250 × 0.06
C-4	200 × 300 × 0.06
D-4	300 × 350 × 0.06
E-4	300 × 450 × 0.06

* This system does not contain any reducing agent.
* A vacuum pump is optionally available.

Reducing agent system (Containing 1 bags per set)

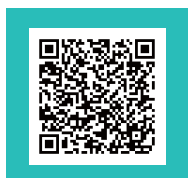
Type	Dimensions (m/m)
A-2	100 × 200 × 0.06
B-2	200 × 250 × 0.06
C-2	200 × 300 × 0.06
D-2	300 × 350 × 0.06
E-2	300 × 450 × 0.06

* This system contains 10 reducing agents per set.

Application examples

- (1) Non-decarburization heat treatment of steel products
- (2) Vacuum heat treatment of steel products
- (3) Bright heat treatment of a copper alloy, an aluminum alloy, and other nonmetals
- (4) Other heating treatment of materials requiring the prevention of oxidization and combustion phenomenon due to the heating in the air

Method to use the ELEPAK Demonstration movie at YouTube



Agency:

Business line: Heat processing furnaces, ELEPOT electric furnace, Dryers, ELEPAK, seal peel tanks



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