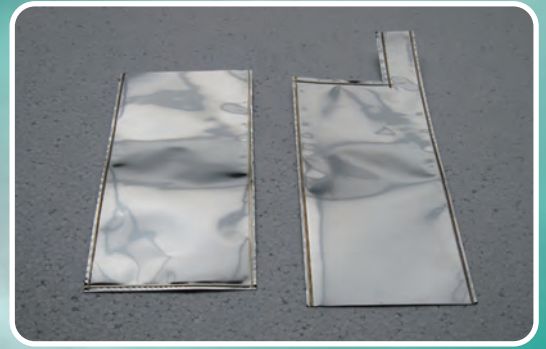


ELEPAK



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;

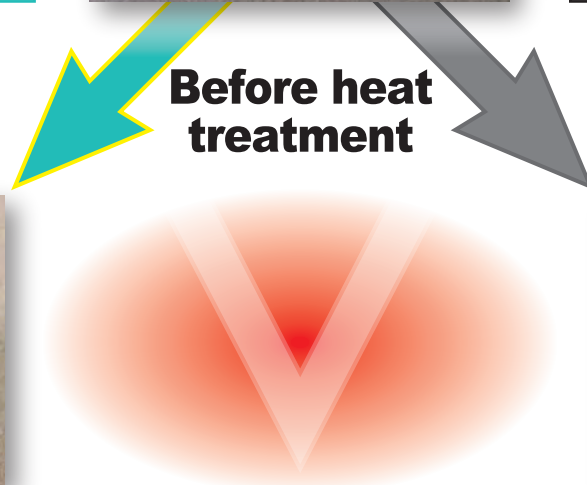
- Oxidization and surface decarburization occur.
- Hardness is insufficient.
- Surface polishing is required in post-processing.

Heat-treated result



ELEPAK vacuum system

Before heat treatment



After heat treatment

Heat-treated result



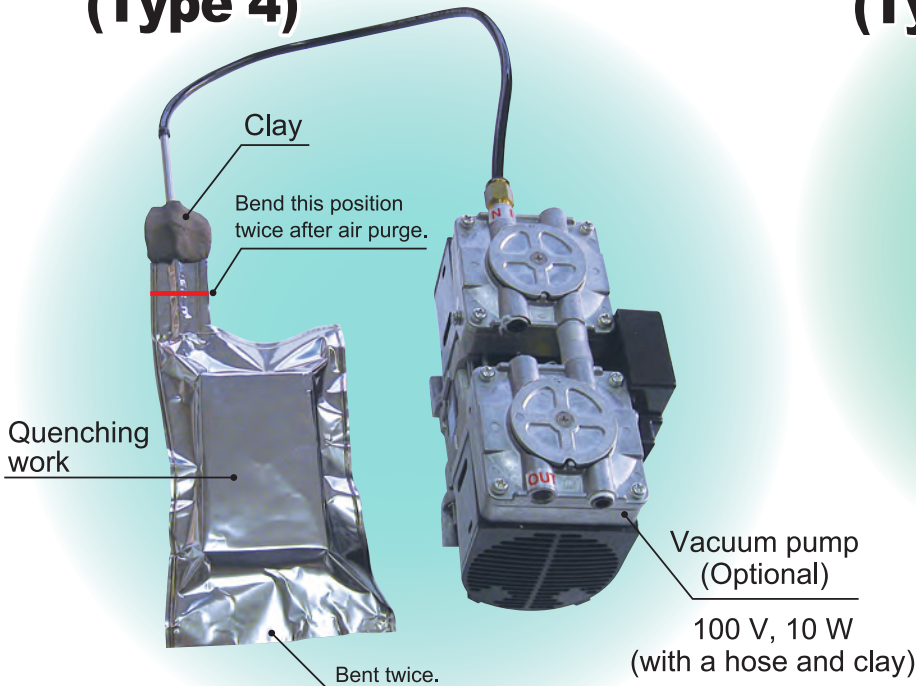
Unglazed

- 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.

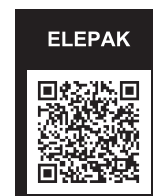
Reducing agent system (Containing 10 bags per set)

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



Represented by:

Prolific Heating International Co., Ltd

11/11 Moo 11 King Kaew 37 Alley, Racha Thewa,

Bang Phli District, Samut Prakan 10540

Email: prolific@phiheating.com

Website: www.phiheating.com

Phone: +662 170-8171

Manufactured items ELEPOT Electric Furnace / Heat Processing Furnaces / Seal Peel Melting Tank / ELEPAK



HATA ELECTRIC MFG. CO., LTD.

8-37-37 Shinyoshidahigashi Kohoku-ku Yokohama-shi,
Kanagawa 223-0058, Japan

TEL: +81-45-545-1410

FAX: +81-45-545-1402

E-mail info@hatadenki.co.jp

URL <http://www.hatadenki.co.jp>

Jun. 2020