**Pressure-Resistant Hoses**

**MH－TR**

- Reinforcing material: polyester type

**MH－TS**

- Reinforcing material: textile steel wire

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**Notes on usage of pressure-resistant hose:**

- Usage example of pressure-resistant hose:
  - No piping hose for injection molding machines and exist temperature regulation, it can be used for displacing the sluice used in mold cooling, etc.
  - Reinforcement: MH－TS pressure-resistant hose (wire reinforcing type) has a structure of small bending radius, which is hard to break.

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**Notes on usage of pressure-resistant hose: refer to the right page**

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**Special Joints For Pressure-Resistant Hoses**

**MH－TCB**

- For hose insertion
- Rubber cup
- Washer
- Inserted section
- Pressure-resistant hose

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**How to mount joints for pressure-resistant hose**

1. Mount the tapered thread to the equipment side beforehand.
2. Insert the hose insertion part of the washer onto the hose and rotate it to the end face of the hose.
3. Insert the hose into the hose and rotate it to the end face of the hose.
4. Insert into the body through the hose and rotate it to the end face of the hose.
5. Tighten the hose using parts until the gap disappears.

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**Notes on usage of pressure-resistant hose: refer to the right page**

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**TSP Couplers For Cooling**

**MH－TSPN**

- Tapered thread for hose
- Plug connection section
- Socket connection section
- Pressure-resistant hose inserted section

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**Characteristics Chart of Flow Rate and Pressure Loss**

- Flow rate \( Q \) = constant
- Pressure loss \( h \) = linear

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**Flow direction of liquid**

Liquid can flow from either the socket side or the plug side.

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**Notes on usage of pressure-resistant hose**

1. MH－TCB joints are specifically used for pressure-resistant hoses MH－TRI and MH－TS. Note that if connected with any other hose, the joint may be damaged and the hose may come off.

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**Warning**

Do not carry out piping or use the hose when it is twisted. If twisted, the inner structure of hose may deform and cause dangerous “cracking.” Take appropriate measures referring to the example below.

- Example 1) Twisting of hose when piping
- Example 2) Twisting when bent