



Precautions to ensure safe usage

The precautions given below are intended to ensure safe and correct use of the products.
Note that certain restrictions apply to use of these products. Failure to observe these could result in injury or property damage.

 Warning	A potentially hazardous situation which could result in death or serious injury.
 Caution	A dangerous situation which could result in minor or medium injury and/or in which only property damage is foreseen.

 **Warning** TOYOX products have been developed and manufactured for general industrial applications.

For applications that require safety, confirm in advance.

Never use for implant or injection application or other applications where there is a possibility of the product partially remaining in the body.

Toyox makes no guarantee of the adaptability or safeness related to such applications.

Please read the Handling Precautions carefully before use.

Note: See the terminology glosses on our website for words marked with a ※.

TOYOSILICONE FERRULE Hose

① Notes for safe usage

1. Do not apply negative pressure. Application of negative pressure may result in collapse or ※separation of the inner surface layer, causing an extreme reduction in operational life.
2. Do not apply external pressure. The hose is mainly designed to withstand internal pressure. For this reason, application of excessive external pressure may result in the hose changing shape or collapsing, and causes an extreme reduction in operational life.
3. Do not expose to excessive vibration. If excessive vibration is applied, fatigue cracks may form on the coupling and result in hazardous leaks or ruptures.
4. Do not allow anything other than the inner surface of the couplings or hose to come in contact with fluids, because the fluids may permeate the hose reinforcement layer or remain inside the couplings, and bacteria may propagate (attach to the parts) or the hose may deteriorate. Also, dust, hose fragments (reinforcement material) adhering to the outer surface may be mixed in.
5. Hose specifications / standards and precautions follow TOYOSILICONE Hose.

② Notes for mounting

1. Set the length so as to ensure sufficient play in the hose to avoid it being put under tension. Check by applying pressure before use.
2. Be careful of the specialized braided reinforcement structure which twists more easily when both ends are fixed and pressurized compared to the conventional hose.

③ Notes for washing

1. Do not rub the hose surface with a hard brush, etc., when washing it. This may cause damage to the coupling surface, leading to propagation (adherence) of germs or fluid leakage.

④ Other notes

1. The parts cannot be replaced. Replace with a new product.