

Complete Hose Solution

Patented

# For general piping and oil resistant

## For heat resistant piping of cutting fluid, machine oil, water, air, etc.

**NEW**

High oil resistance!  
**HYPER**



HPT type **HYPER TOYORON<sup>®</sup> Hose**

High oil resistance

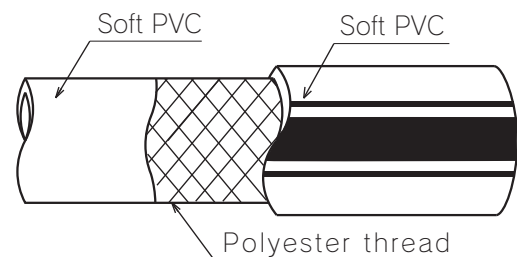
Transparent

Flexible

Heat resistant (70°C)

## Resistance to oil keeps it softer for longer!

- Resistance to oil makes the hose less likely to harden even when used for cutting fluid !
- Excellent oil resistance compared to conventional PVC braided hoses !
- Hose exterior is also oil resistant, for peace of mind in areas exposed to oil around machine tools !
- Highly transparent and provides security in fluid verification !
- Long-lasting softness enables use in piping movable parts too !
- Heat resistance up to 70° C, for "10 degrees C more peace of mind!" ! ( TOYOX industrial PVC braided hose heat resistance is 60° C )



### HYPER TOYORON Hose Specifications ( Working temperature range / -5~70°C )

Part Number	Inch	ID × OD mm	Working Pressure MPa		Standard Weight kg/reel	Standard Length m	Minimum Bending Radius mm	Packing
			23°C	70°C				
HPT- 9	3/8	9 × 15	0 ~ 1.5	0 ~ 1.0	15	100	45	Bobbin style
HPT-12	1/2	12 × 18	0 ~ 1.2	0 ~ 0.8	19	100	65	
HPT-15	5/8	15 × 22	0 ~ 1.0	0 ~ 0.8	27	100	95	
HPT-19	3/4	19 × 26	0 ~ 1.0	0 ~ 0.6	16	50	120	
HPT-25	1	25 × 33	0 ~ 1.0	0 ~ 0.6	25	50	165	
HPT-32	1-1/4	32 × 41	0 ~ 0.7	0 ~ 0.4	35	50	200	Film packing
HPT-38	1-1/2	38 × 48	0 ~ 0.6	0 ~ 0.4	45	50	300	
HPT-50	2	50 × 62	0 ~ 0.6	0 ~ 0.3	54	40	440	

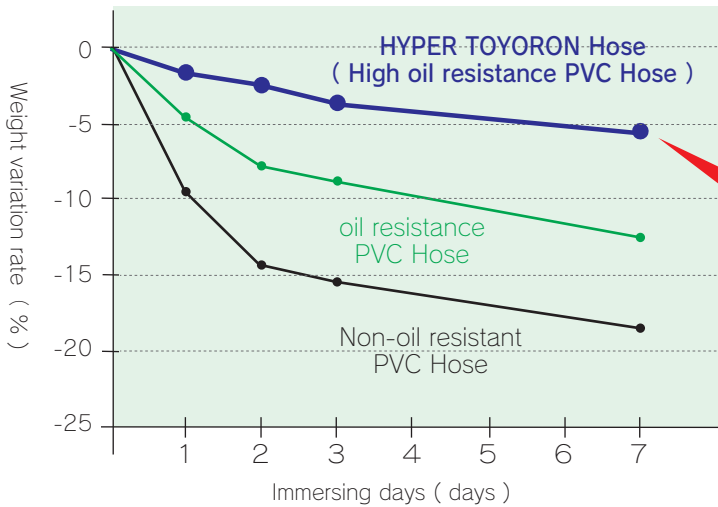
Coloring / Natural transparent with image line

See the verso as well →

# Point Long-lasting softness even with oil fluids!

## Weight variation

※ This graph does not show guaranteed values. Consider it a guideline.



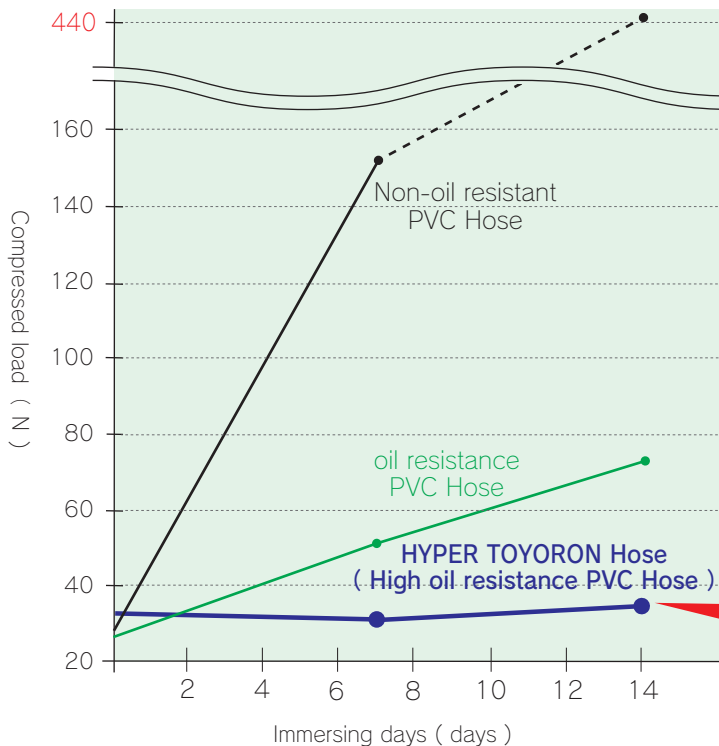
### Test method ( Toyox standard test )

The test piece is soaked in immersion oil and removed at regulated intervals of 1, 2, 3, and 7 days for its weight to be measured.

**Less susceptible to oil !**  
( Comparison by TOYOX )

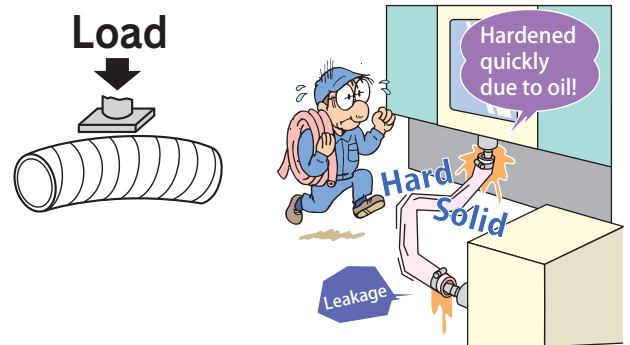
## Compressed load change

※ This graph does not show guaranteed values. Consider it a guideline.



### Test method ( Toyox standard test )

A hose completely immersed in test oil is compressed and its load measured with a TOYOX dedicated jig at 10% flattening rate, initially, after 7 days, and after 14 days.



**Long-lasting softness !**  
( Comparison by TOYOX )

## ⚠ Precautions

- ⚠ 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.
- ⚠ Warning** Always use a hose within its recommended temperature and pressure range.  
※Do not use hoses for negative pressure applications. They may deform and become unusable.

### ⚠ Warning

**Counterfeit goods that violate our rights will be severely punished under the law.** Our products have been either registered / applied for the ownership of patent, design, utility model and trademark in Japan, China and Asia.

□ For inquiries :

**02-741-6001**

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