

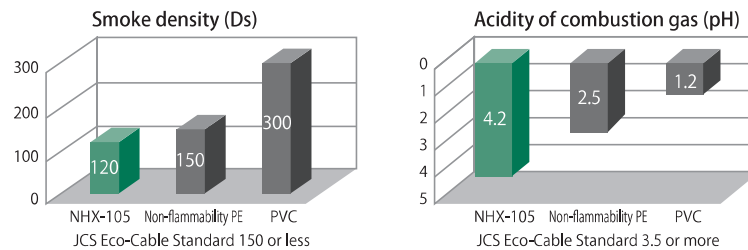
EXLON-Flow-Link Tubing NHX-105



Printing on the tubing **○ -F- IWASE NHX-105 F-LINK-NHX VW-1 E90287**



This is a completely new type of clean, highly non flammable, highly heat resistant, and flexible elastomer tubing with environmental conservation features.



Highly nonflammable

High non-flammability

In compliance with the UL non-flammability standard VW-1 (UL File No./E90287)
In compliance with the -F- Mark of the Electrical Appliance and Material Safety Act
In compliance with Flammability Test for Railway Stock.



Flexibility

Flexibility

The same level of flexibility as flexible PVC tubing is achieved.



105°C level

105°C level

The polymer has a special cross-linked structure, which enables the heat resistance level of 105°C.



Low smoke emission

Low smoke emission

This tube has low smoke density and low acidity.
(See the graph above.)



Recyclability

Recyclability

Materials can be recycled like a general thermo plastics.

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Table of tubing characteristics			
Items	Unit	NHX-105	Test method and other aspects
Hardness	HD-A	88	JIS K 7215
Tension test	Tensile strength	MPa	5.0
	Elongation	%	
After heat aging	Tensile strength	MPa	5.0 or more
	Elongation	%	
Dielectric strength	—	Nondestructive	2,500 V × 1 minute
Cold bend	—	No crack	-30°C × 1 hour
Non-flammability	—	VW-1	UL-224

* The data above are representative values and not guaranteed values.

* Recommended temperature range: -20°C to 105°C

Standard size chart					
Size	Inner diameter (mm)	Inner diameter tolerance (mm)	Wall thickness (mm)	Thickness tolerance (mm)	Unit length (m)
1 × 1.9	1.0	± 0.15	0.45	± 0.04	300
2 × 2.9	2.0				300
3 × 3.9	3.0	± 0.25	0.50	± 0.05	300
4 × 5	4.0				300
5 × 6	5.0	± 0.30	0.50	± 0.05	300
6 × 7	6.0				300
7 × 8	7.0	± 0.35	0.50	± 0.05	300
8 × 9	8.0				300
9 × 10	9.0	± 0.40	0.60	± 0.06	200
10 × 11.2	10.0				200
11 × 12.2	11.0	± 0.40	0.60	± 0.06	200
12 × 13.2	12.0				200
13 × 14.2	13.0	± 0.40	0.60	± 0.06	100
14 × 15.2	14.0				100
15 × 16.2	15.0	± 0.50	0.70	± 0.07	100
16 × 17.4	16.0				100
17 × 18.4	17.0	± 0.50	0.70	± 0.07	100
18 × 19.4	18.0				100
19 × 20.4	19.0	± 0.50	0.70	± 0.07	100
20 × 21.4	20.0				100

● Tubing with the inner diameter of 15ø or more are flattened and coiled.

● Black is the standard color of the tubing.

● We welcome inquiries on other colors, sizes, and tubing cut in different lengths.



EXLON-Flow-Link Tubing
NHX-105



Highly nonflammable



Flexibility



105°C level



Low smoke density



Recyclability