

EXLON Flexible PVC Hose



Characteristics Highly flexible PVC resin is used in the material, and thick tubing have great flexibility.

Purposes The great flexibility makes these tubing suitable as air tubing and wastewater pipes in narrow areas.

Table of tubing characteristics				
Items		Unit	Standard value	Test method and other aspects
Tension test	Tensile strength		N/mm ²	13.7 or more
	Elongation		%	200 or more
Heat aging test	Tensile strength change rate		%	±20
	Elongation change rate		%	±20
Cold resistance test			—	No crack occurs.
Immersion test	Water	Water absorption rate	%	0.5 or less
		Extraction rate	%	0.5 or less
	Saline solution		%	±0.5
	Sulfuric acid		%	±0.5
	Nitric acid		%	±5
Sodium hydroxide solution		%	±5	

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

* Recommended temperature range: -20°C to 60°C

EXLON Flexible PVC Hose



Standard size chart					
Size	Inner diameter (mm)	Inner diameter tolerance (mm)	Wall thickness (mm)	Thickness tolerance (mm)	Unit length (m)
4×6	4.0	±0.3	1.0	±0.2	300
5×7	5.0	±0.3	1.0	±0.2	300
6×8	6.0	±0.4	1.0	±0.2	300
7×9	7.0	±0.4	1.0	±0.2	300
8×10	8.0	±0.4	1.0	±0.2	200
9×11	9.0	±0.4	1.0	±0.2	200
10×12	10.0	±0.4	1.0	±0.2	200
12×14	12.0	±0.5	1.0	±0.2	200
13×15	13.0	±0.5	1.0	±0.2	100
14×16	14.0	±0.5	1.0	±0.2	100
15×17	15.0	±0.5	1.0	±0.2	100

- Transparent and black are the standard colors of these tubings.
- We also welcome orders for tubing with other colors, special sizes, and tubing cut in various lengths.
- We also welcome orders for thick models.

EXLON
Flexible PVC Hose



Free pipe arrangement



Flexibility



60°C level



Self-extinguishing characteristics