

EXLON-PVC Series

EXLON-PVC Non-migration Tubing



Printing on the tubing ○ タイ・スチロール△ヨウ



These are flexible PVC tubing made with special polymer plasticizer and have excellent non-migratory property, oil resistance, and heat resistance. The migration of plasticizer, which is one of the faults of ordinary flexible PVC, is extremely small in these tubing. They would not damage or deform surfaces of other mold cast resin products, such as housing when they come in contact with them.

Data of non-migratory property					
Tubing name	On styrene	On ABS	On PP	On acrylic	On polycarbonate
Non-migration Tubing	○	○	◎	◎	○

Table of tubing characteristics					
Items		Unit	Standard value	Performance value	Test method and other aspects
Tension test	Tensile strength	MPa	10.4 or more	15.0 or more	JIS C 2133
	Elongation	%	100 or more	200 or more	
After heat aging	Tensile strength retention rate	%	70 or more	80 or more	121°C × 7 days
	Elongation retention rate	%	70 or more	80 or more	
Dielectric strength		—	Non destructive	Non destructive	2,500V × 1 minute
Cold bend		—	No crack	No crack	-10°C × 1 hour
Longitudinal change		%	5 or less	5 or less	100°C × 2 hours

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

* Recommended temperature range: -20°C to 90°C

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Standard size chart					
Size	Inner diameter (mm)	Inner diameter tolerance (mm)	Wall thickness (mm)	Thickness tolerance (mm)	Unit length (m)
4×5	4.0	+0.3、-0.2	0.5	±0.1	300
5×6	5.0	+0.3、-0.2	0.5	±0.1	300
6×7	6.0	+0.4、-0.2	0.5	±0.1	300
7×8	7.0	+0.4、-0.2	0.5	±0.1	300
8×9	8.0	+0.4、-0.2	0.5	±0.1	300
9×10	9.0	+0.4、-0.2	0.5	±0.1	200
10×11	10.0	+0.4、-0.2	0.5	±0.1	200

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

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Non-migratory



90°C level



Self-extinguishing
characteristics