

EXLON-eco Series

EXLON Eco Clear Tubing

IWASE



Printing on the tubing ● **IWASE EXLON-エコクリア**



We achieved sufficient flexibility and transparency that could not be achieved in conventional elastomer tubing using Iwase's technologies for developing environmentally friendly elastomer tubing.



Transparency

Transparency

The clear transparency allows easy internal visual inspection that could not be done with conventional elastomer resin tubing.



Flexibility

Flexibility

The excellent flexibility is suitable for pipe arrangement in narrow areas and corners.



General type

Low temperature General type

This tubing has rubber-like elasticity and is also resistant to cold weather.

EXLON Eco Clear Tubing



Table of tubing characteristics			
Items	Unit	Eco Clear	Testing conditions and other aspects
Cold bend	°C	-30 or less	JIS C 2133
Tension test	Tensile strength	MPa	JIS C 2133
	Elongation	%	
After heat aging	Tensile strength	MPa	JIS C 2133 100°C × 120 hours
	Elongation	%	
Relative density	—	0.90	JIS K 7112
Hardness (HD-A)	—	73	JIS K 7215

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

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

Standard size chart					
Size	Inner diameter (mm)	Inner diameter tolerance (mm)	Wall thickness (mm)	Thickness tolerance (mm)	Unit length (m)
4 × 4.6	4.0	± 0.25	0.30	± 0.04	300
5 × 5.6	5.0	± 0.25	0.30	± 0.04	300
6 × 6.7	6.0	± 0.30	0.35	± 0.04	300
7 × 7.7	7.0	± 0.30	0.35	± 0.04	300
8 × 8.8	8.0	± 0.30	0.40	± 0.04	200
9 × 9.8	9.0	± 0.35	0.40	± 0.05	200
10 × 10.9	10.0	± 0.35	0.45	± 0.05	100
12 × 13	12.0	± 0.35	0.50	± 0.05	100
14 × 15.1	14.0	± 0.35	0.55	± 0.05	100

- Transparent (natural) is the only color for this tubing.
- Please contact us for other special sizes, tubing cut in different lengths, and other conditions.

EXLON
Eco Clear Tubing



Transparency



Flexibility



General type