

Moisture Control Tube Series *IDK*

Specifications



Model	IDK02	IDK04	IDK06
Fluid	Compressed air		
Max. operating pressure	0.7 MPa		
Operating temperature (°C)	0 to 40 (No freezing)		
Operating environment *1	Indoors, where product is not exposed to water (0 to 40°C, Relative humidity 0 to 75%RH)		
Min. bending radius *2 (mm)	10	20	40
O.D. (mm)	2	4	6
I.D. (mm)	1.2	2.5	4
Quantity of moisture control tubes	2 pcs.		
Accessories	Inner sleeve 4 pcs. (already mounted into tube)		
Color	Transparent [Color will change to brown over time, but the functions are not affected.]		
Applicable fittings	KQ2, KJ		
Material	Fluoropolymer		

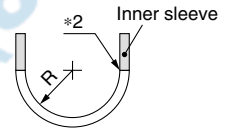
Note 1) Use the moisture control tube in a line with a refrigerated air dryer and a mist separator installed in the upstream compressed air line. The condensation prevention performance may be lowered depending on the quality of the supply compressed air (oil, dew point).

Note 2) The inner sleeve is already mounted and cannot be removed. If the inner sleeve comes off, re-insert the sleeve before mounting the fitting.

Note 3) Do not cut the tube.

*1 Use the product in an operating environment where humidity is as low as possible.

*2 The value at which the moisture control tube is bent or flattened at 20°C. Be careful not to bend or flatten the tube and the inner sleeve even if the value is more than the minimum bending radius.



How to Order

IDK 02 - 100

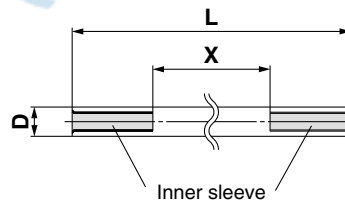
Moisture control tube O.D.

Symbol	O.D.
02	2 mm
04	4 mm
06	6 mm

Moisture control tube effective length

Symbol	Effective length
100	100 mm
200	200 mm

Dimensions



Unit: mm

Model	O.D. x I.D. D	Nominal effective length X	Full length L
IDK02-100	2 x 1.2	100	120
IDK02-200		200	220
IDK04-100	4 x 2.5	100	140
IDK04-200		200	240
IDK06-100	6 x 4	100	140
IDK06-200		200	240

Note) Dimensions at 40% relative humidity. Dimensions may change if the relative humidity changes.

Made to Order

If you require the moisture control tube with an effective length not listed in the above table, please contact SMC.