

LOW FRICTION TUBING

TOUCH TUBE "TE-LF SERISE"



Shut out tube wear on moving parts of piping!

Low friction Tube : TE - LF

The piping installed in moving parts such as cable bearings is worn away by high speed and frequent rubbing, and even in the case of polyurethane tube with excellent wear resistance still wears out in a short time.

The low friction tube TE-LF series is used of a special polyurethane material in which solid lubricant fine particles are dispersed, greatly reducing the frictional resistance of the tube surface and suppressing pipe wear on moving parts.

< Abrasion Resistance >

Apply 2kg of verical load to the sample tube, and measure the amount of wear of tube thickness when the metal plate is slid at 0.5 Hz and moved 500,000 times.

< Specifications >

Application	Compressed Air
Working Temp. Range	-5~60°C
Brust Pressure	3MPa
Max. Working Pressure	0.8 MPa (20°C)
Static Friction Coefficient	0.1 (TE Tube 0.4)

Sample	Wear Amount (mm)
TE-LF Tube	Less than 0.1
TE Tube	0.7

The static friction force of an object (the force at which a stationary object starts to move) is determined by the load applied perpendicularly between the objects and the static friction coefficient. Substances with a small

Model	O.D. x I.D. (mm)	Tolerance (mm)	Min. Turning Radius (mm)	Weight (g/m)	Color
TE-4-LF	4 x 2.5	±0.1	5	9	BK W LB
TE-6-LF	6 x 4		12	19	
TE-8-LF	8 x 5		15	37	



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