

品番
ModelE-651
E-651 U

特長 Features

1 構造・材質

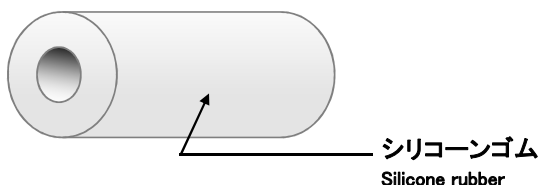
Structure and material

・E-651はシリコンゴムを押し成型したチューブです。可撓性、耐熱性に優れ、広い温度範囲（-50～180℃）で使用可能です。

E-651 is an injection-molded silicon rubber tube. It has excellent in flexibility and heat resistance in wide temperature range from -50℃ to 180℃.

・E-651Uはシリコンゴムを押し成型したチューブです。難燃性に優れ、UL 224 VW-1の規格に適合しております。

定格電圧は300Vの「E-651 U-1」と、600Vの「E-651 U-2」があり、定格温度はともに200℃です。
E-651U is an injection-molded silicon rubber tube. It is designed to pass VW-1 of the UL224.
There are two models according to rated voltage 300V for E-651 U-1 and 600V for E-651 U-2.
The rated temperature is 200℃ for both models.



2 品質・用途等

Quality and applications

・E-651、E-651 UはH種の電気絶縁用、医療器具、食品用などで使用されております。

E-651 and E-651 U are used in various applications, kind of electrical insulation (H grade), medical equipments and food industries.

3 標準製品仕様

Typical specifications of products

品番・グレード Model/Grade	絶縁破壊電圧(常態・平均値) Dielectroc breakdown voltage (ordinary state/Average)	引張強さ Tensile strength	伸び率 Elongation	難燃性 UL224 Flame resistance	UL File No.
E-651 低圧 (E-651 low voltage)	≧5.0kV	≧4.0MPa	≧200%	—	—
E-651 高圧 (E-651 high voltage)	≧10.0kV	≧4.0MPa	≧200%	—	—
E-651 U-1 (定格200℃/300V) (Rated 200℃/300V)	≧2.5kV	≧3.4MPa	≧100%	VW-1	E 88468
E-651 U-2 (定格200℃/600V) (Rated 200℃/600V)	≧10.0kV	≧3.4MPa	≧100%	VW-1	

4 寸法
Size

公称内径 Nominal inside diameter (mm)	内径公差 Inside diameter tolerance (mm)	肉厚 Thickness (mm)			
		E-651低圧 Low voltage	E-651高圧 High voltage	E-651 U-1	E-651 U-2
0.5	+0.1 -0.2	0.35±0.1	0.6±0.1		
0.8	±0.2	0.4±0.12	0.6 +0.2 -0.1	≥0.33	
1.0					
1.2					
1.5					
2.0					
2.5	±0.3		0.8±0.2	≥0.76	
3.0					
3.5					
4.0	±0.4	0.5±0.12	1.0±0.3	≥0.38	
5.0					
6.0	±0.5	0.6±0.14	1.5±0.3		
8.0					
10.0	±0.7	0.8±0.14		≥0.56	
12.0					
14.0	±1.0	0.9±0.16		≥0.69	
16.0					
18.0	±1.2	1.0±0.2	2.0±0.4	≥0.71	
20.0					
20.0	±1.3	1.0±0.3		≥0.76	≥0.89
20.0	±1.4				
20.0	±1.5				

5 標準仕上げ長さ
Standard finished length

公称内径 Nominal inside diameter (mm)	標準仕上げ長さ Standard finished length (m)			
	E-651低圧 Low voltage	E-651高圧 High voltage	E-651 U-1	E-651 U-2
0.5	200	200	200	200
0.8	100	100	100	100
1.0				
1.2				
1.5				
2.0				
2.5	50	50	50	50
3.0				
3.5				
4.0	25	25	25	25
5.0				
6.0	25	25	25	25
8.0				
10.0	25	25	25	25
12.0				
14.0	25	25	25	25
16.0				
18.0	25	25	25	25
20.0				