



## DM-KY THIN WALL TUBING

High performance PVDF heat shrink tubing, (Kynar®)

### Applications

Can be used for jacketing and bundling of wires to form light-duty harnesses, where low profile, abrasion resistance, and flexibility are required. It reliably protect wires, solder joints terminals, connections from most industrial fluid solvents and fluid chemicals.

### Features

High flame resistance.  
Excellent physical and electrical properties after exposure to many chemicals and solvents.  
Excellent transparency on clear version.

### Various

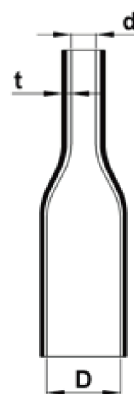
Operating temperature: -55°C to +150°C (175°C)  
Minimum full recovery temperature: +150°C  
Standard color: Shiny black, crystal clear, other colors on request.

### Technical Data

Property	Test Method	Typical Data
Operating temperature	IEC 216	-55C to+150°C(175°C)
Tensile strength	ASTM D 2671	≥30 MPa
Elongation at break	ASTM D 2671	≥150%
Elongation at break after aging	180°C/168hrs	≥100%
Heat shock	250°C/4 hrs.	No cracking
Cold bend	-55°C/4 hrs.	No cracking
Flammability	VW-1	UL224
Yolume resistance	IEC 93	≥10 <sup>14</sup> Ω.cm
Copper corrosion	180°C/168hrs.	No corrosion
Copper stability	180C/168hrs.	No sign of degradation
Dlelectric strength	≥30kv/mm	ASTM D 2671

### Dimensions

size	As Supplied(mm)	After Recovery(mm)		Tube Shape	Standard length m/spool
DM-KY Inch. (D)	Inside Diameter Min. (D)	Inside Diameter Max. (d)	Wall Thickness (t)		
3/64	1.2	0.6	0.30 ± 0.08	0	200
1/16	1.6	0.8	0.30 ± 0.08	0	200
3/32	2.4	1.2	0.30 ± 0.08	0	200
1/8	3.2	1.6	0.30 ± 0.08	0	100
3/16	4.8	2.4	0.30 ± 0.08	0	100
1/4	6.4	3.2	0.32 ± 0.10	0	100
3/8	9.5	4.8	0.32 ± 0.10	-	50
1/2	12.7	6.4	0.32 ± 0.10	-	50
3/4	19.1	9.5	0.43 ± 0.12	-	50
1	25.4	12.7	0.43 ± 0.12	-	50
1 1/2	38.1	19.1	0.51 ± 0.12	-	50



\* Tube shape "o": Round shape or Oval "-": Flat shape

\*Spools as standards. 1 m. or 1,22 m. sticks, special spool lengths or cut pieces available on request.