

**CYG-KYNAR(150°C/175°C) FLAME-RETARDANT PVDF  
HEAT-SHRINKABLE TUBINGS**

**CYG-KYNAR(150°C) FLAME-RETARDANT PVDF  
HEAT-SHRINKABLE TUBINGS**

CB-KYNAR(150°C) is clear, thin wall, flexible, flame-retardant with excellent chemical resistance, it is especially suitable for applications abrasion resistance and cut-through resistance, or superior chemical and solvent properties performance. Provides electrical insulation and strain relief of multipoint connectors and solder joints. Ideal for applications that require dense packing of components or visual inspection of covered components.



**CYG-KYNAR(175°C) SEMI-RIGID, FLAME-RETARDANT PVDF HEAT-SHRINKABLE TUBINGS**

CB-KYNAR(175°C) is clear, thin wall, semi-rigid, flame-retardant with high temperature and excellent chemical resistance. Especially suitable for applications requiring high temperature performance, outstanding abrasion resistance and cut-through resistance, or superior chemical and solvent properties. Provides electrical insulation and strain relief of multipoint connectors and solder joints. They are ideal for applications that require dense packing of components or visual inspection of covered components.

Standard: UL224, SAE-AMS-DTL25053.

**Specifications**

Item	Test method	CYG-KYNAR(150°C)	CYG-KYNAR(175°C)
Min. Shrink temperature		140°C	155°C
Operation temperature range	ASTM D792	-55°C ~ +150°C	-55°C ~ +175°C
Specific gravity	ASTM D2671	1.78g/cm <sup>3</sup>	1.78g/cm <sup>3</sup>
Tensile strength	ASTM D2671	≥30MPa	≥34.5MPa
Elongation at break	225°C, 168hrs	≥150%	≥150%
Elongation at break after aging	275°C, 4hrs	≥100%	≥50%
Heat shock	-55°C, 4hrs	No cracking	No cracking
Cold bend	ASTM D2671	No cracking	No cracking
Dielectric strength	ASTM D257	≥15.7kV/mm	≥30kV/mm
Volume resistivity	UL-224	≥10 <sup>13</sup> Ω.cm	≥10 <sup>13</sup> Ω.cm
Flammability		VW-1 Pass	VW-1 Pass

**Size**

Size	Min. Inside diameter as supplied(mm)	Max. Inside diameter after recovery (mm)	Recovered wall thickness (mm)
3/64	1.2	0.6	0.25±0.05
1/16	1.6	0.8	0.25±0.05
3/32	2.4	1.2	0.25±0.05
1/8	3.2	1.6	0.25±0.05
3/16	4.8	2.4	0.25±0.05
1/4	6.4	3.2	0.33±0.05
3/8	9.5	4.8	0.33±0.05
1/2	12.7	6.4	0.33±0.05
3/4	19.1	9.5	0.43±0.08
1	25.4	12.7	0.48±0.08
1 1/2	38.1	19.1	0.48±0.08