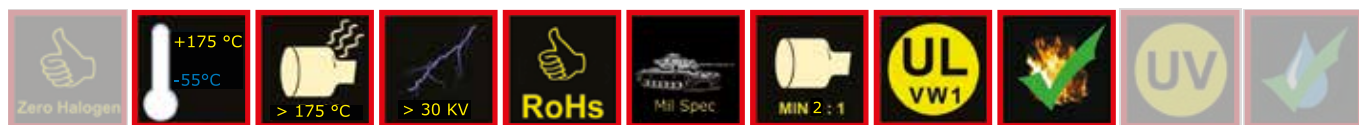




PERFECT MAKES BOXCO!

# SPECIALITY PRODUCTS / AKY-175

High performance PVDF tubing (Kynar®)



## Applications

Excellent to insulate from high temperatures. It reliably protects wires, solder joints, terminals, connections, and components from most industrial fuels, solvents and chemicals.

## Features

Semi-rigid tubing, ideal for applications that require high temperature performance, outstanding abrasion and cut-through resistance or superior chemical and solvent resistance properties.

## Various

Operating temperature: -55°C to +175°C  
Minimum full recovery temperature: +175°C

Approvals: UL, VW-1, File No E249362.  
Meet: SAE-AMS-DTL-23053/ 18. RoHS.

Standard color: Clear, other colors on request.

Packaging: spools as standards, special spool lengths, cutted pieces are available on request.

## Technical data

Property	Test Method	Typical Data
Operating temperature	IEC 216	-55°C to +175°C
Tensile strength	ASTM D 2671	≥34,5 MPa
Elongation at break	ASTM D 2671	≥150%
Elongation at break after aging	250°C/168hrs.	≥100%
Heat shock	300°C/1hrs.	No cracking
Cold bend -	55°C/1hrs.	No cracking
Flammability	VW-1	Pass
Volume resistance	IEC 93	≥1013Ω.cm
Dielectric strength	ASTM D 2671	≥ 30kV/mm

## Dimensions

Size	As Supplied (mm)	After Recovery (mm)		Standard Spool Length (m/spool)
AKY-175	Inside Diameter (min)	Inside Diameter (max)	Wall Thickness (min)	
3/64	1.2	0.6	0.20	150m/spool
1/16	1.6	0.8	0.20	150m/spool
3/32	2.4	1.2	0.23	150m/spool
1/8	3.2	1.6	0.23	150m/spool
3/16	4.8	2.4	0.23	75m/spool
1/4	6.4	3.2	0.28	75m/spool
3/8	9.5	4.8	0.28	75m/spool
1/2	12.7	6.4	0.32	1,22m
3/4	19.1	9.5	0.36	1,22m
1	25.4	12.7	0.41	1,22m