

## CK ( Cary Kynar)

Cary Industries CK is a crosslinked heat shrinkable, semi-rigid Polyvinylidene Fluoride Fluoroplastic (Kynar™). This thin wall tubing has a continuous operating temperature of -55C to 175C. CK is used in applications requiring high temperature rating, excellent flame and chemical resistance and cut-through and abrasion properties. Applications include strain relief, insulation of disconnects or component and wire markers. Shrinks quickly at 175C (350F) with heat gun, infra-red or other heat sources.

Ordering Size	Minimum Expanded ID		Maximum Recovered ID		Nominal Recovered Wall		4' length Ft/package
	Inch	mm	Inch	mm	Inch	mm	
3/64"	.046	1.2	.023	0.6	.010	.25	200
1/16"	.063	1.6	.031	0.8	.010	.25	200
3/32"	.093	2.4	.046	1.2	.010	.25	200
1/8"	.125	3.2	.062	1.6	.010	.25	200
3/16"	.187	4.8	.093	2.4	.010	.25	200
1/4"	.250	6.4	.125	3.2	.012	.30	100
3/8"	.375	9.5	.187	4.8	.012	.30	100
1/2"	.500	12.7	.250	6.4	.012	.30	100
3/4"	.750	19.1	.375	9.5	.017	.43	100
1"	1.000	25.4	.500	12.7	.019	.48	100
1 1/2"	1.500	38.1440.00	.750	19.1	.020	.51	40

Mil-I-23053/8 UL-224 VW-1 CSA AMS 3632 175C  
Standard Color: Clear, Available in 4 foot lengths.

	Test Method	Typical Value
Tensile Strength(psi)	ASTM D-638	5500 PSI Min
Ultimate Elongation	ASTM D-638	350% Min
Longitudinal Change		-6%
Secant Modulus,2%	ASTM D 882	1.7 X 10(14) PSI
Specific Gravity	ASTM D-792	1.75
Water Absorption (24 Hrs @ 23C)		.038%
Dielectric Strength	ASTM D-2671	900 VPM
Dielectric Constant @ 1mhz	ASTM D-150	2.5
Volume Resistivity (OHM-CM)	ASTM D-257	10(14) ohm-cm
Low Temperature Flexibility 4 Hrs @ -55C	Mil-I-23053	No cracking
Heat Shock 4 Hrs @ 300C		No dripping or cracking

\*Above values are typical performance data and should not be used as design data.

### Mil Spec Information

Mil-I-23053/8-

001	3/64"
002	1/16"
003	3/32"
004	1/8"
005	3/16"
006	1/4"
007	3/8"
008	1/2"
009	3/4"
010	1"
011	1-1/2"