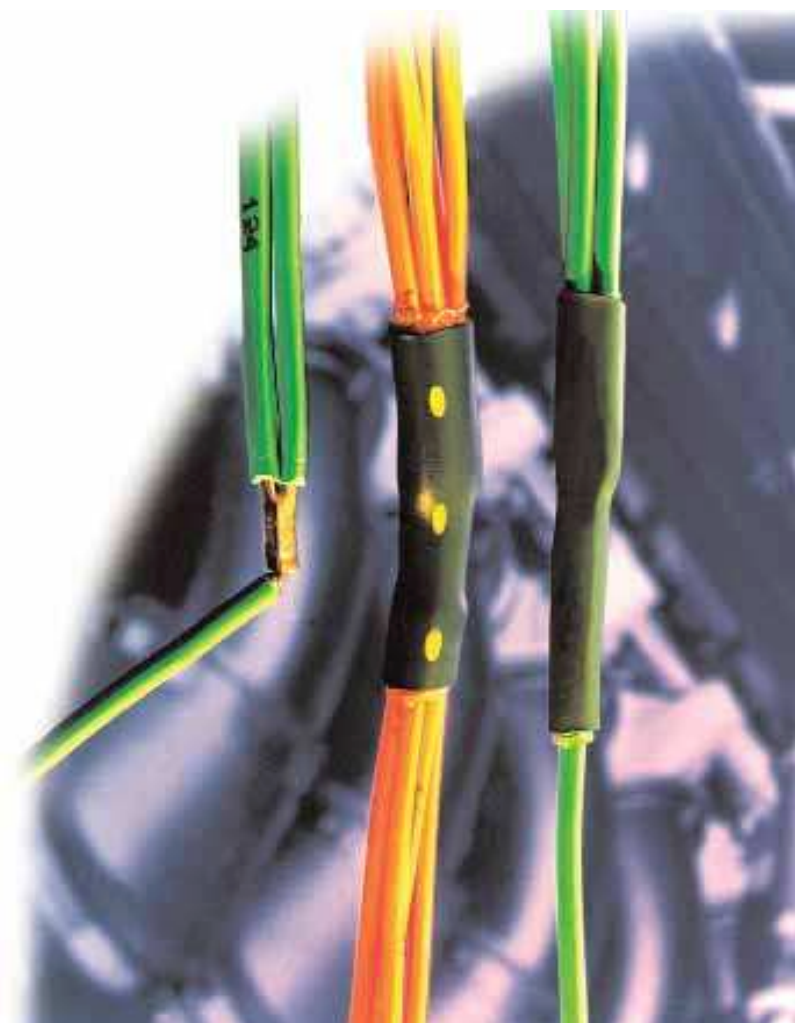


CBK

Designed to environmentally seal
electronic wire harness assemblies

Features

- Very high shrink ratio
- Special adhesive flows readily on installation to fill voids
- Resistant to acids, alkalis and gasoline
- Continuous Operating Temperature: -55°C to 125°C
- Shrink Temperature: 120°C



Dual Wall



5:1
Shrink Ratio

CBK

Dimensions

EXPANDED		RECOVERED			DELIVERY UNITS		
INTERNAL DIAMETER (MIN) D		INTERNAL DIAMETER (MAX) D	WALL THICKNESS OVERALL (NOM) w	WALL THICKNESS ADHESIVE (NOM) w	Black & Clear Spool Length	Style*	Lengths 1.22 m
mm	IN	mm	mm	mm	m		pcs.
6,0	-	1,4	1,35	0,95	300	o	-
8,0	-	1,6	1,75	0,95	150	o	-
12,0	-	2,5	2,00	1,10	100	o	-
18,0	-	3,7	2,60	1,50	50	o	-

* o = airfilled or oval — = flattened

Technical Data

Physical

Property	Test Method	Typical Performance coloured	Typical Performance clear
Tensile Strength	IEC 60684-2	17,0 MPa	15,0 MPa
Elongation	IEC 60684-2	500%	400%
Longitudinal Change	ASTM-D 2671	± 10% max.	± 10% max.
Specific Gravity	ASTM-D 792, A-I	1,25 g/cm ³	1,20 g/cm ³
Elongation after Heat Aging (168 hrs at 160°C)	IEC 811-1-2	320%	400%
Tensile Strength after Heat Aging (168 hrs at 160°C)	IEC 811-1-2	12 MPa	14 MPa
Elongation after Heat Shock (4 hrs at 210°C)	IEC 811-1-2	360%	370%
Tensile Strength after Heat Shock (4 hrs at 210°C)	IEC 811-1-2	14 MPa	15 MPa
Low Temperature Flexibility	ASTM-D 2671 Meth. C	does not break at -30°C	does not break at -30°C
Flammability	ASTM-D 876 (coloured) FMVSS 302 (clear)	flame retardant jacket	passed

Standard Colours		Special Colours
black		clear
		On Request

Electrical

Property	Test Method	Typical Performance coloured	Typical Performance clear
Dielectric Strength	VDE 0303 Part 2	18 kV/mm	20 kV/mm
Volume Resistivity	VDE 0303 Part 3	10 ¹⁴ Ω x cm	10 ¹⁴ Ω x cm

Chemical

Property	Test Method	Typical Performance coloured	Typical Performance clear
Corrosive Action	ASTM-D 2671 Meth. A	non-corrosive	non-corrosive
Copper Compatibility	ASTM-D 2671 Meth. B	non-corrosive	non-corrosive
Chemical Resistance		very good	very good
Water Absorption	VDE 0472	0,50%	0,50%

Printability	Hot stamp	Ink jet	Offset
	very good	-	good

Ordering: **Specify the product name** plus each of the following options: 1) Size 2) Colour 3) Total Quantity + Delivery Unit

For example: CBK 12,0mm black, 3.500 mtr., 100m-spool