

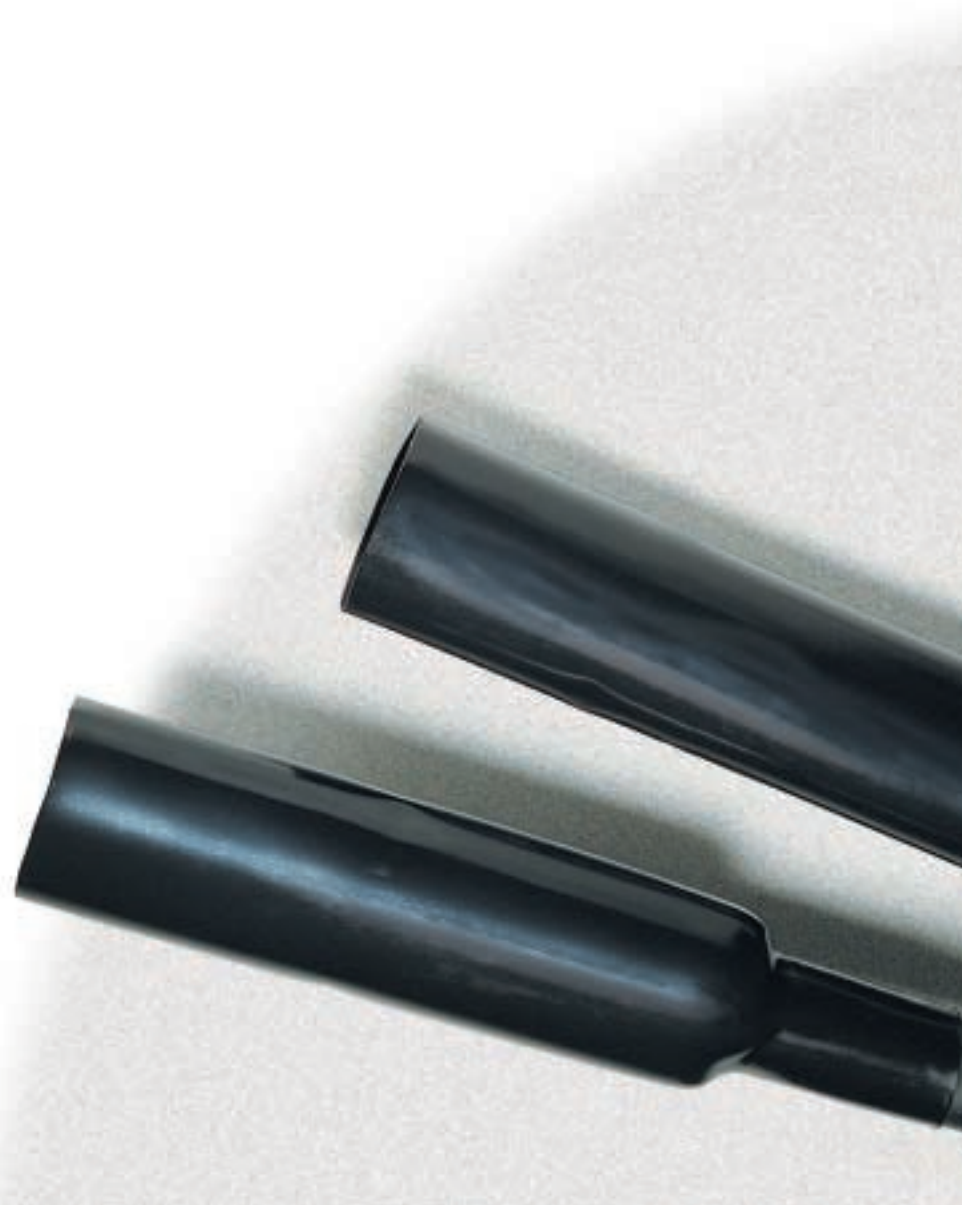
# CZT 200

Zero halogen, flexible heat shrink tubing

DEF STAN 59/97

## Features

- Flexible
- Zero halogen
- Flame retardant
- Low smoke generation at burnings
- Recommended for use with zero halogen wires & cables
- Meets DEF STAN 59-97, issue 3, type 8
- Continuous Operating Temperature: -40°C to 105°C
- Shrink Temperature: 115°C



## Dimensions

EXPANDED		RECOVERED		DELIVERY UNITS				
INTERNAL DIAMETER (MIN) D		INTERNAL DIAMETER (MAX) D	WALL THICKNESS (NOM) w	Black		Black & Coloured		Lengths 1.22 m pcs.
mm	IN	mm	mm	Spool Length m	Style*	Spool Length m	Style*	
1,6	1/16	0,8	0,45	300	o	150	o	-
2,4	3/32	1,2	0,51	300	o	150	o	-
3,2	1/8	1,6	0,51	300	o	150	o	-
4,8	3/16	2,4	0,51	300	o	75	o	-
6,4	1/4	3,2	0,64	300	o	75	o	-
9,5	3/8	4,8	0,64	150	o	75	o**	-
12,7	1/2	6,4	0,64	100	o	50	-	-
16,0	5/8	8,0	0,64	100	-	50	-	-
19,0	3/4	9,5	0,76	50	-	30	-	-
25,4	1	12,7	0,89	50	-	30	-	-
31,8	1 1/4	16,0	0,89	50	-	30	-	-
38,0	1 1/2	19,0	1,02	50	-	30	-	-
51,0	2	25,4	1,14	50	-	30	-	-
76,0	3	38,0	1,27	25	-	15	-	-
101,6	4	50,8	1,40	25	-	15	-	-

\* o = airfilled or oval    \*\* black only, other colours flattened    - = flattened

## Technical Data

### Physical

Property	Test Method	Typical Performance
Tensile Strength	IEC 60684-2	10 MPa
Elongation	IEC 60684-2	200%
Longitudinal Change	ASTM-D 2671	± 10% max.
Secant Modulus	ASTM-D 882	130 MPa max.
Specific Gravity	ISO/R 1183	1,45 g/cm <sup>3</sup>
Elongation after Heat Aging (168 hrs at 158°C)	ISO 37	150%
Elongation after Heat Shock (4 hrs at 150°C)	ASTM-D 2671	100% min.
Low Temperature Flexibility	ASTM-D 2671 Meth. C	does not break at -40°C
Flammability	ASTM-D 635	flame retardant

Standard Colours	Special Colours
black  white  yellow	On Request

### Electrical

Property	Test Method	Typical Performance
Dielectric Strength	IEC 243	24 kV/mm
Volume Resistivity	ASTM D 2671	10 <sup>16</sup> Ω x cm

### Chemical

Property	Test Method	Typical Performance
Corrosive Action	ASTM-D 2671 Meth. A	non-corrosive
Copper Compatibility	ASTM-D 2671 Meth. B	non-corrosive
Chemical Resistance		good to excellent
Water Absorption	ASTM-D570	0,20%

Printability	Hot stamp	Ink jet	Offset
good	good	good	good

Ordering: **Specify the product name** plus each of the following options: 1) Size 2) Colour 3) Total Quantity + Delivery Unit 4) Printing Options  
For example: CZT 200 1/2" black, 2.000 mtr., 100m-spool, unprinted