

A dual color, flexible, heat-shrinkable tubing.

Excellent physical and electrical performance, flame retarded, flexible, good chemical resistance.

DCPT is a flexible, highly flame retarded dual color tubing designed primarily for earth identification of wires and cables. Made from cross linked polyolefin material, the longitudinal stripes offer a more

permanent means of identification than conventional ink marking.

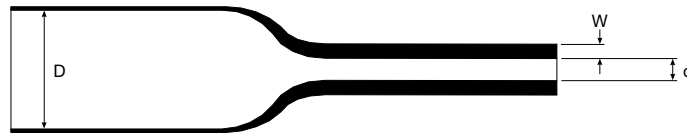
DCPT can withstand temperatures of +300°C for short periods, possesses high dielectric and mechanical

strength and excellent resistance to common fluids and solvents. DCPT can also be easily marked by conventional techniques.

Temperature rating

Operating temperature range:	-55°C to +135°C
Minimum shrink temperature:	+95°C
Minimum full recovery temperature:	+120°C

Ordering information



Inside diameter		Wall thickness	Standard package	
D (min)	d (max)	W (nom)		
Expanded as supplied	Recovered after heating	Recovered after heating	Spool quantity	Ordering description
mm	mm	mm	m	
2:1 Sizes				
3.0	1.5	0.50	150	DCPT-3/1.5-45-SP
6.0	3.0	0.60	75	DCPT-6/3-45-SP
8.0	4.0	0.65	75	DCPT-8/4-45-SP
10.0	5.0	0.65	75	DCPT-10/5-45-SP
12.0	6.0	0.65	75	DCPT-12/6-45-SP
19.0	9.0	0.75	75	DCPT-19/9-45-SP
26.0	13.0	0.90	30	DCPT-26/13-45-SP
38.0	19.0	1.00	30	DCPT-38/19-45-SP
3:1 Sizes				
3.0	1.0	0.55	150	DCPT-3/1-45-SP
6.0	2.0	0.65	75	DCPT-6/2-45-SP
9.0	3.0	0.75	75	DCPT-9/3-45-SP
12.0	4.0	0.75	75	DCPT-12/4-45-SP
18.0	6.0	0.85	75	DCPT-18/6-45-SP
24.0	8.0	1.00	30	DCPT-24/8-45-SP
39.0	13.0	1.15	30	DCPT-39/13-45-SP
51.0	19.0	1.02	30	DCPT-51/19-45-SP

Standard colors

Standard color	Yellow/Green Stripes
Code	-45

Approvals

UL File E35586	VDE 0341 pt 9005 Type A
CSA LR31929	VG 95343 pt 5 Type A
Def Stan 59-97 Issue3 Type 2B	
BS 4G 198 Part 3 type 11B	

Performance

Test	Test method	Test requirement
Heat Ageing:	ISO 188 (168h at 175°C)	Ultimate elongation: 150% (min)
Corrosion resistance:	ASTM D2671 (16h at 175°C)	No corrosion of mirrors
Dielectric strength:	IEC 243	$\varnothing \leq 26$ 20 MV/m $\varnothing > 26$ 10 MV/m
Flame retardancy:	ASTM D876 UL 224 (All tube flame test)	Duration of burning 30 s max
Fluid resistance:	24 h at 23°C, ISO 37	Tensile strength: 7 MPa (min) Ultimate elongation: 200% (min)
	Test fluids:	Aircraft fuel to ISO1817 liquid B Phosphate ester ISO1817 liquid 103 Lubricating oil ISO1817 liquid 101

For full product performance details consult Raychem Specification RK 6025.

Specifications

Raychem Specification RW 2056.

Material Safety Data Sheet available on request.

Installation instructions available on request.

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Users should independently evaluate the suitability of the product for their application.

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