



# DUNBAR-DC-EC

## HEAT SHRINKABLE POLYOLEFIN END CAP



### Applications

DUNBAR-DC-EC end caps are used to protect cable ends, pipe and conduit from environmental effects. DC-EC end caps electrically insulate wire and cable. End caps are suitable for pressurized and unpressurized cables.

DC-EC end caps are made from thermally stabilized, cross linked polyolefin and coated inside with a polyamide based hot melt adhesive. End Caps are available with adhesive applied flat or in spiral.

### Features

- ★ Resistant to moisture, weathering, oxidation, ozone, UV radiation and adverse environmental conditions
- ★ Continuous operating temperature: - 55°C to 110°C
- ★ Valve end cap available for pressurized applications
- ★ Resistant to common solvents
- ★ RoHS & REACH Compliant

### Specification Values

Property		Test Method	Value	
Physical	Unaged	Tensile strength	Min. 1.2 kgf/mm <sup>2</sup>	
		Elongation	Min. 300%	
	Aged	Tensile strength	ASTM D 2671	Min. 0.76 kgf/mm <sup>2</sup>
		Elongation		Min. 100%
	Hardness		Shore D	Min 45
	Water Absorption		ISO-62	Max 0.5%
	Air Pressure Test		30 psi for 4 hours	No Leakage
Environmental		15 psi for 7 days	No Leakage	
Electrical	Dielectric strength		IEC-243	Min. 12kV/mm
	Volume resistivity		IEC-93	Min. 10 <sup>13</sup> Ω - cm
Chemical	Carbon Black Content		BS 2782	Min 2%

Rev. May 2017



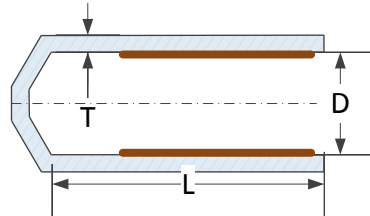
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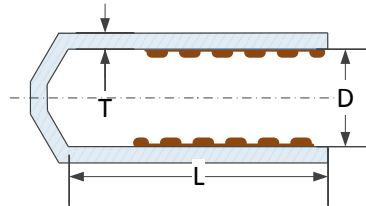


## DUNBAR-DC-EC

### HEAT SHRINKABLE POLYOLEFIN END CAP



Flat Adhesive



Spiral Adhesive

### Product Dimensions

Minimum Full Recovery Temperature: 130°C

Size	Expanded (as supplied)			Recovered	
	D (min)	L (min)	T (nom)	D (max)	T (nom)
12/5 (1/2")	12	35	1.0	5	2.5
16/8.5 (5/8")	16	60	1.0	8.5	2.5
20/8.5 (3/4")	20	65	1.0	8.5	2.5
25/11 (1")	25	70	1.0	11	2.5
30/16 (1-1/4")	30	80	1.0	16	3.0
35/17 (1-3/8")	35	80	1.0	17	2.6
40/15 (1-5/8")	40	75	1.0	15	2.6
55/26 (2")	55	100	1.0	26	2.5
75/31 (3")	75	120	1.0	31	3.2
100/40 (4")	100	110	1.5	40	5.0
120/57 (4-3/4")	120	120	1.5	57	4.4
140/63 (5-5/8")	140	150	1.7	63	4.0
200/95 (8")	200	150	1.7	95	4.0
245/95 (10")	245	150	1.7	95	4.0

Dimensions are in mm (inches).

Part Number Examples:

DC-EC-F-12/5mm      with Flat Adhesive  
 DC-EC-S-20/8.5mm      with Spiral Adhesive

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