

Airshrink

AS-EG



Description

AS-EG is an electrical grade vinyl Airshrink sleeving. AS-EG requires no heat and shrinks when exposed to air. The product is supplied in airtight containers. Shelf life is in excess of 12 months when stored correctly. Airshrink is an ideal alternative to heatshrink for large installations and applications where the use of heatguns or open flames is neither possible nor practical.

Features

- Shrink Ratio max 1.5 : 1
- 15 minutes handling time
- Operating temperature - 35 to 80°C
- High chemical resistance
- Excellent electrical properties
- Flame retardant when recovered
- Colours - Standard colours
- Uniform shrinkage, even around bends

Applications

- Insulation and colour coding of busbars and bustubes
- Covering of handles for electrical, aesthetic and functional requirements (eg lawn mowers, gym equipment etc.)
- Insulation and strain relief of heat sensitive electronic components
- Precut lengths for easy insulation and colour coding lugs

Technical Data

Properties	Test	Typical Values
Tensile (MPa)	IEC 60811	> 14
Elongation (%)	IEC 60811	> 250
Heat Ageing: Tensile : Elongation	IEC 60811 (100° C x 168 hrs)	> 12 MPa > 250 %
Heat Shock (150°C x 1hrs)	IOEC 60811	No cracking
Cold Elongation – 15°C	ASTM D 2671	No cracking
Mass Loss (100° C x 168)	IEC 60811	< 1.5 mg/cm ²
Limiting Oxygen Index (%)	IEC 60811	> 27 min
Hot Deformation (95°C x 1hr)	IEC 60811	< 50%
Dielectric Strength	ASTM D 2671	> 20 KV/mm
Volume Resistivity	ASTM D 257	10 ¹³ ohm.cm



Dimensions: See overleaf

AIRSHRINK
— a new dimension —

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Dimensions

Product Code	Expanded I/D	Recovered I/D	Wall Thickness	(m) Per Tin
AS 0103	1.3	1.0	0.30	80
AS 0155	2.0	1.5	0.50	80
AS 0205	2.6	2.0	0.50	80
AS 0255	3.3	2.5	0.50	80
AS 0305	3.9	3.0	0.50	60
AS 0405	5.2	4.0	0.50	60
AS 0505	6.5	5.0	0.50	40
AS 0607	7.8	6.0	0.75	40
AS 0707	9.1	7.0	0.75	20
AS 0807	10.4	8.0	0.75	20
AS 0907	11.7	9.0	0.75	20
AS 1007	13.0	10.0	0.75	20
AS 1107	14.3	11.0	0.75	20
AS 1210	15.6	12.0	1.00	20
AS 1410	18.2	14.0	1.00	20
AS 1610	20.8	16.0	1.00	10
AS 1605	20.8	16.0	0.50	10
AS 1810	23.4	18.0	1.00	10
AS 1805	23.4	18.0	0.50	10
AS 1910	24.7	19.0	1.00	10
AS 1905	24.7	19.0	0.50	10
AS 2210	28.6	22.0	1.00	10
AS 2510	32.5	25.0	1.00	10
AS 2505	32.5	25.0	0.50	10
AS 3010	39.0	30.0	1.00	10
AS 3510	45.5	35.0	1.00	10
AS 4010	52.0	40.0	1.00	5
AS 5010	65.0	50.0	1.00	5
AS 6010	78.0	60.0	1.00	5
AS 7010	91.0	70.0	1.00	5
AS 8010	112.0	80.0	1.00	5