

PO3500

ADS SLEEVES



Description

The Altec ADS Sleeve (PO3500) are heat shrinkable wire markers which are made of polyolefin tubing with ideal printability properties for identification purposes. The material is halogen free, flame retardant and low smoke. The compound of the tubing is without any halogens and offers excellent low fire hazard characteristics with minimal smoke emission.

Material	Radiation cross linked polyolefin
Finishing	Matt
Color	Yellow, White
Shrink ratio	3:1
Min. shrink temp.	> 70 °C
Recommended printer	Altec TTP / ATP Series

Operation temp.	-40°C to +125°C
Liner	White, non-coated, medium range thermal sensitive paper cardstock Thickness 185 ± µm
Adhesive backing	Polyethylene film coated with an acrylic-based pressure sensitive adhesive

Physical data

Technical

Properties	Test Method	Typical Value
Tensile Strength	GB/T1040	10.4 Mpa (min.)
Elongation at break	GB/T1040	≥ 200%
Longitudinal change	UL224	+/- 5%

Electrical

Properties	Test Method	Typical Value
Dielectric strength	GB/T1408	15 kV/mm ²

Chemical

Properties	Test Method	Typical Value
Chemical resistance	AMS-DTL-23053/5	Good
Copper corrosion	UL224	No corrosion
Copper stability	UL224	No corrosion

Thermal

Properties	Test Method	Typical Value
Heat shock 4 hours at 250°C	ASTM D 2671	No dripping, cracking or flowing
Heat aging 168 hours at 158°C	ASTM D 538	Elongation 100%
Flammability	UL224	Pass → flame retardant

Storage

Recommended temperature at +10°C to +25°C. (45-55% relative humidity)

Certifications

UL UL224 recognized (file E361238)

CSA CSA certified (file 220127)

RoHS / REACH

Based on the information about component materials which are described in our data sheets, we evaluate that we do not intentionally use the chemical substances mentioned in the paragraph <Evaluation Chemical Substances>, in a concentration above 0,1 % in state of delivery.

Associated regulations

- Reach Candidate List of Substances of Very High Concern (SVHC), authorized by the European Chemicals Agency, last inclusion on the 16th July 2019.
- REACH amendment EU 2018/1513 Annex XVII
- REACH amendment EU 2018/2005 Annex XVII
- Information according to Article 33 of REACH Regulation (EC) No. 1907/2006
- RoHS directive 2011/65/EU, incl (EU)2015/863
- BRC Global Standard for Packaging and Packaging Materials Issue 5
- 517/2014/EC; certain fluorinated greenhouse gases
- 2019/1021/EG (POP) – Persistent organic pollutants
- Conflict Minerals – Gold, Tin, Tantalum, Tungsten
- California proposition 65 list

Disclaimer:

Values shown in this document are averages only. For legal reasons, we emphasize that the information on this data is available as is and that Altec gives no guarantees with respect to the accuracy and completeness nor with respect to interpretations made on the basis of this information.