ALTEC
INDUSTRIAL IDENTIFICATION

Technical datasheet

A332

ADSC SLEEVE

Description

The A332 ADSC Sleeves are made of a very flexible and self extinguishing polyolefin tubing. Meets most industrial the requirements and is dedicated for flattening and thermal transfer printing purposes. The products are supplied on a thermal sensitive cardstock liner converted into a ladder construction offering superb organization of the sleeves. The cardstock liner is die-cutted with cavities where into the sleeves are applied, supported by a backing adhesive.

Material	Cross linked polyolefin - shrink ratio 3:1
Colors	White, yellow, blue, red, black, orange, green, brown, pink, grey
Operating temperature	-55°C to +135°C
Minimum shrink temperature	> 90°C

Liner	White, non-coated, medium range thermal sensitive paper cardstock. Thickness 185 ± 10 µm. Width 109mm ± 0.5mm.
Adhesive backing	Clear, polyethylene film coated with an acrylic-based pressure sensitive adhesive. Thickness 0.10mm. Width 72/85mm.

Physical data

Physical

Properties	Test method	Typical value
Tensile strength	ASTM D 638	> 11 N/mm^2
Elongation at break	ASTM D 638	> 200%
Longitudinal change	ASTM D 2671	≤+5 %, ≤-10%
Specific gravity	ASTM D 792	1.4 g/cm^3
Water absorption	ASTM D 570	0.20%

Electrical

Properties	Test method	Typical value
Dielectric strength	ASTM D 2671	20 kV/mm
Volume resistivity	ASTM D 257	10^{14} Ω cm

Chemical

Properties	Test method	Typical value
Fungus resistance	AMS-DTL-7444	Pass, no growth
Chemical resistance	SAE-AMS-DTL-23053/5	Good

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Thermal

Properties	Test method	Typical value
Heat shock (250°C x 4h)	ASTM D 2671	No dripping, cracking or flowing, pass
Heat aging (175°C x 168h)	ASTM D 638	Elongation 200%
Copper corrosion	ASTM D 2671 B	Pass
Low temperature flexibility (-55°C x 4h)	ASTM D 2671 C	No cracking
Flammability	UL224	VW-1, pass

Storage

Store in original packaging. Recommended temperature at +10°C to +25°C and 45-55% relative humidity. Use within 3 years from date of manufacture.

Certificates

REACH
Please contact Altec for the latest REACH document available.
RoHS
Please contact Altec for the latest RoHS document available.

Applications

Common uses include marking, insulation, wire bundling and mechanical protection.

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