

Applications

Ideal for wires and cables identification by printing on flattened sleeve. AOMS-300 allows to keep all imprints organized. It can also provide terminal insulation. Suitable for a multitude of technical needs generated by the industrial sectors which are sophisticated (automotive, electrical, professional electronics, transport, construction electric). Easy to implement.

Features

Thin wall flame retarded radiation cross-linked polyolefin heat shrink sleeve.
Shrink ratio 3:1, RoHS compliant.

Various

Operating temperature: -55°C to + 125°C
Minimum shrink temperature 70°C
Minimum fully recovery temperature 100°C

Approvals:

Meet : UL 224 125 °C VW-1 600V.

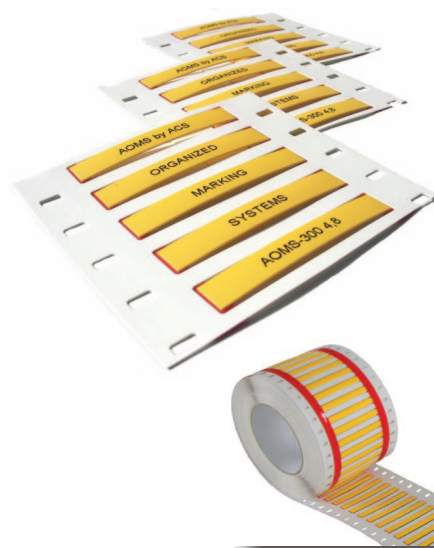
Print performance with AOMS System:

Print legible after 50 rubs (Meet: SAE AS81531, 4.6.2)

Print legible after 30 strokes (Meet: MIL-STD-202, method 215)

Standard color:

Yellow or white. Others available on request.



Technical data

Property	Test Method	Typical Data
Operating temperature	UL 224	-55°C to + 125°C
Tensile strength	ASTM D 2671	>14 Mpa
Elongation at break	ASTM D 2671	>400%
Elongation at break after aging	158°C/168 hrs.	>300%
Longitudinal shrinkage	UL 224	0 to -10%
Dielectric strength	IEC 243	>20 kV/mm
Volume resistance	IEC 93	>10 ¹⁴ Ω.cm
Flammability	VW-1	Pass
Copper stability	ASTM D 2671	Pass
Eccentricity	ASTM D 2671	<30%

Dimensions

Part Number	Colors / description	Size/Model	Shape	As Supplied / Inside diameter (mm)	After recovery / Inside diameter (mm)	Std Sleeve / Spool	Available Prescoring
AOMS-300 Organized flattened polyolefin sleeve 3:1 ratio, 125 °C, RoHs, UL VW1							
AOMS-300	Yellow, White	3/1	Flat	3	1	2500	0-1-2 or 3
AOMS-300	Yellow, White	4.5/1.5	Flat	4.5	1.5	1500	0-1-2 or 3
AOMS-300	Yellow, White	6/2	Flat	6	2	1500	0-1-2 or 3
AOMS-300	Yellow, White	9/3	Flat	9	3	1000	0-1-2 or 3
AOMS-300	Yellow, White	12/4	Flat	12	4	1000	0-1-2 or 3
AOMS-300	Yellow, White	18/6	Flat	18	6	500	0-1-2 or 3
AOMS-300	Yellow, White	24/8	Flat	24	8	300	0-1-2 or 3
AOMS-300	Yellow, White	39/13	Flat	39	13	200	0-1-2 or 3

Number of Prescoring	Size of Sleeve	Printable Area Size
Prescoring : Perforated score to produce multiple marker sleeves from each AOMS sleeve		
0 prescoring	1 sleeve of 57 mm	50 mm
1 prescoring	2 sleeves of 28,5 mm	25 mm
2 prescoring	3 sleeves of 19 mm	15,5 mm
3 prescoring	4 sleeves of 14,25 mm	10,75 mm

Ribbon	Colors	Width	Ribbon length
AOMS-RI1515 High performance ribbon, good fluid resistance and print permanence (Meet SAE-AS5942)			
AOMS-RI1515	Black	100 mm	300 m
AOMS-RI2020 High performance ribbon, superior fluid resistance and print permanence (Exceed SAE-AS5942)			
AOMS-RI2020	Black	100 mm	300 m