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Sumitomo Electric Interconnect Products (SUZHOU)Ltd.

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编 号
Spec. NO: IEE8-01011C(SZ)

客 户 :

Customer :

规 格 书

SPECIFICATION

同轴电缆

Coaxial Cable

UL10005 (80℃, 30V)

AWM10005 AWG36 Wire

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住友电工（苏州）电子线制品有限公司

SUMITOMO ELECTRIC INTERCONNECT PRODUCTS (SUZHOU) LTD.

1. 适用范围

本规格书制定了屏蔽电线的结构和电气特性。

1. Scope

This specification covers the construction and the electrical properties of Shielded Wire.

UL10005 (80℃, 30V)

UL10005 (80℃, 30V)

AWM10005 AWG36 双层屏蔽电线

AWM10005 AWG36 Double Shielded Wire.

参考：本公司日本工场规格书编号 IHE8-01011C Ref: Our Japan Factory Spec. No IEE8-01011C

2. 结构/Construction

单位/Unit: mm

项目/Item		详细资料/Details
导体 Conductor	Material/材料	镀锡软铜线/Tinned Annealed Copper Wire
	构成 (根/mm) / Composition (No./mm)	7/0.05
	标称外径(mm)/Nom. O. D(mm)	0.15
绝缘层 Insulation	材料/Material	PFA (Light Green) /PFA(浅绿)
	标称绝缘厚度(mm)/Nom. Thick(mm)	0.07
	标称外径(mm)/Nom. O. D(mm)	0.29
屏蔽层 (1) Shield (1)	材料/Material	镀锡铜合金线/Tinned Copper Alloy Wire
	构成/Composition	横卷屏蔽 0.03 /Spiral Shield Of 0.03
屏蔽层 (2) Shield (2)	材料/Material	镀铜聚酯包带/Copper Coated Polyester Tape
	构成/Composition	绕包/Wrapping
外包带 Wrapping Tape	材料/Material	聚酯包带 (红) /Polyester Tape (Red)
	构成/Composition	绕包/Wrapping
	标称外径(mm)/Nom. O. D(mm)	0.40

3. 电气特性 (20℃时) /Electrical Properties (at 20℃)

项目/Item	单位/Unit	详细资料/Details
导体阻抗/Conductor Resistance	Ω /km	Max. 1490
绝缘阻抗/Insulation Resistance	MΩ • km	Min. 1524
耐压强度/Dielectric Strength	V (AC)/min	500
额定温度/Rating of Temperature	℃	80
额定电压/Rating of Voltage	V	30

4. 环境负荷物质对应状况/Environment-Friendliness

*Compliance “○”

RoHS Directive						PVC Free	①卤素 Halogen Free
铅 Lead Free	水银 Hg Free	镉 Cd Free	六价铬 Cr6+ Free	多溴联苯 PBB Free	聚溴二苯醚 PBDE Free		
○	○	○	○	○	○	○	×

备注/Remark:

① Halogen Free : 管理对象为 Cl(氯)、Br(溴) 物质, 不包括氟素 (F) .

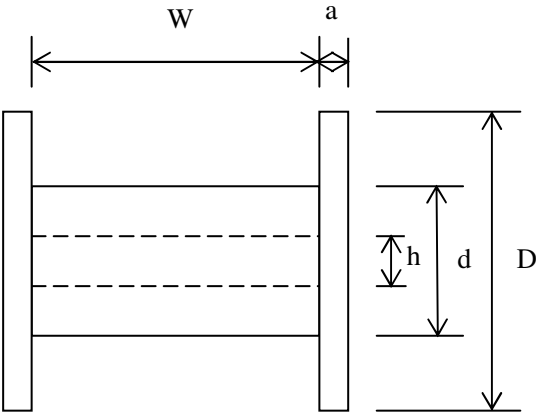
The scope of Halogen is not including Fluorin resin.



5. 包装

标准单位包装长度为 400 米/盘，在搬运过程中不能损坏包装。

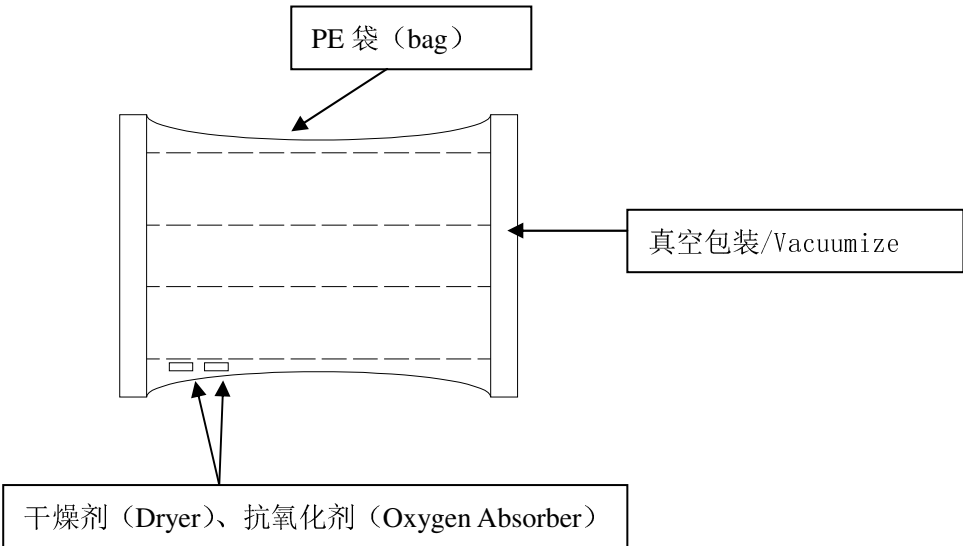
- 塑料盘尺寸 (P-130;Black)



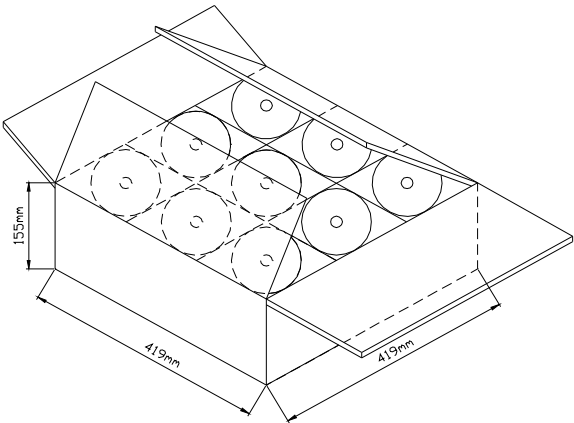
单位/Unit: 毫米/mm

Item	D	d	W	a	h
P-130	130	59.7	90	10	20.4

- 塑料盘的包装/Packing of plastic reel:



- 包装纸箱尺寸/ Dimension of packing carton (C5-1.3B):
单位/Unit: 9 Reels/box



包装示意图/packing map



6. 表示

每盘都应该加上具有以下 UL 标志项目的标签。

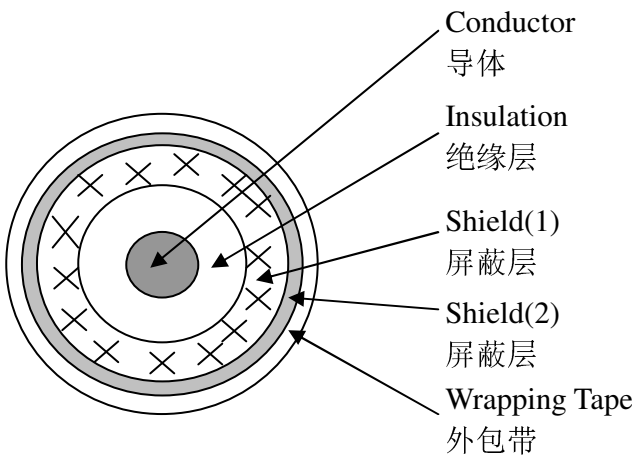
- | | |
|-----------|------------|
| (1) 生产日期 | (7) 外被厚度 |
| (2) 工厂名称 | (8) 用途 |
| (3) UL 型号 | (9) 导体尺寸 |
| (4) 额定电压 | (10) 颜色 |
| (5) 额定温度 | (11) 长度 |
| (6) 绝缘厚度 | (12) Lot 号 |

6. Marking

Each reel shall be tagged to show the following information with UL stamp.

- | | |
|--------------------------|----------------------|
| (1) Date of manufacture | (7) Jacket thickness |
| (2) Name of manufacture | (8) Use |
| (3) UL Style No. | (9) Conductor size |
| (4) Rating voltage | (10) Color |
| (5) Rating temperature | (11) Length |
| (6) Insulation thickness | (12) Lot No. |

用途: 电子设备内部二级回路配线/ Use: Internal Wiring of Electronic Equipment in Class 2 Circuits.



*This products is not suitable for automobile application in some cases .
Please contact with our sales office before you use this product.
*本制品有时不适合车载用途的情况也有，所以使用前请先和弊社营业进行商谈。