

欧盟标准 EN ISO 20471高可见度警示服装规范测试

产品名称	欧盟标准 EN ISO 20471高可见度警示服装规范测试
公司名称	深圳市实测通技术服务有限公司
价格	.00/件
规格参数	测试周期:5-7天 寄样地址:深圳宝安 价格费用:电话详谈
公司地址	深圳市罗湖区翠竹街道翠宁社区太宁路145号二单元705
联系电话	17324413130 17324413130

产品详情

Test item 测试名称：SPECIFICATION FOR HIGH VISIBILITY WARNING CLOTHING
高可见度警示服装规范Test info 测试内容：

Name of the Test	Standard
1. Designs & sizes 设计和尺寸	EN 340
2. Colour Fastness of back ground material 背景材料色牢度	
i. Colour Fastness to Rubbing 擦洗色牢度	ISO 105 X12
ii. Colour Fastness to Perspiration 排汗色牢度	ISO 105 E04
iii. Colour Fastness to Laundering 洗烫色牢度	ISO 105 C06
iv. Colour Fastness to Drycleaning 干洗色牢度	ISO 105 D01
v. Colour Fastness to Hypochloride bleaching 次氯酸盐漂白色牢度	ISO 105 N01
vi. Colour Fastness to Hot pressing 热挤压色牢度	ISO 105 X11
vii. Dimensional Change 尺寸变化	EN 340
3. Mechanical properties of back ground materials 背景材料的机械性能	
i. Tensile strength for woven materials 编织材料的抗张强度	ISO 5081
ii. Bursting strength for knitted materials 结合材料的破裂强度	ISO 2960
vii. Ergonomics 人体工程学	EN 340 Clau
iv. Temperature variation 温度变化	-
v. Washing 清洗	ISO 6330
vi. Drycleaning 干洗	ISO 3175

High visibility clothing - EN ISO 20471

Background material 基底材料(荧光&非荧光)的检测)

5.1 Chromaticity - As received (only for 荧光材料)

5.2 Chromaticity - After xenon test (only for 荧光材料)

5.1 & 7.5.1 Chromaticity - After washing test (only for 荧光材料, if washable,

number of wash cycle depends on care label but at least 5 washes)

5.1 & 7.5.1 Chromaticity - After dryclean test (only for 荧光材料, if dry cleanable, number of dryclean cycle depends on care label but at least 5 dryclean cycles)

5.3.1 Colour fastness to rubbing

5.3.2 Colour fastness to perspiration

5.3.3 Colour fastness to washing

5.3.3 Colour fastness to dryclean (if drycleanable)

5.3.3 Colour fastness to hypochlorite bleaching (if can be bleached)

5.3.3 Colour fastness to hot pressing (if can be ironed)

5.4 Dimensional stability to washing [if washable, number of wash cycle depends on care label but at least 5 washes]

5.4 Dimensional stability to dryclean (if dry clean only, number of dryclean cycle depends on care label but at least 5 dryclean cycles)

5.5.1 Tensile strength (for woven fabric)

5.5.2 Bursting strength (for knitted fabric)

5.5.3 Tensile strength (coated fabrics / laminates)

5.5.3 Tear strength (For coated fabrics / laminates)

5.6.2 Water vapour resistance (harness, tabards and waistcoat exempt)

5.6.3 Thermal resistance (for garments not offer protection against rain, but water vapour resistance exceeds 5 m².Pa/W)

Retroreflective material 反光条的反光度检测

6.1 Retroreflective - As received

6.2.1 Retroreflective - After abrasion

6.2.1 Retroreflective - After flexing

6.2.1 Retroreflective - After folding at cold temperature

6.2.1 Retroreflective - After temperature variation

6.2.1 Retroreflective - After washing (if washable,

number of wash cycle depends on care label but at least 5 washes)

6.2.1 Retroreflective - After dryclean (if dry cleanable, number of dryclean cycle depends on care label but at least 5 dryclean cycles)

6.2.1 Retroreflective - After influence of rainfall

Garment Test

4. Design criteria

Note: Clothing shall meet all the applicable general requirements of EN ISO 13688, additional samples will be needed. 请确认是否安排EN ISO 13688相关测试 (提

Lead time 测试周期: 3 weeks

Sample size 送样规格: 4pcs finished products + 1m x 1m x 6pcs

Other 其他信息:

根据欧盟委员会的决定，将修订协调标准清单并于2013年9月30日结束推定符合旧标准EN471:2003+A1。

自2013年10月1日起，不管任何其他提到的有效期，所有根据EN471测试的安全反光服的EEC类检验证书将视为无效。2013年10月1日起，所有的安全反光服在投放市场前应符合统一的EN ISO20471:2013标准。

重大变更如下所列：

清洗周期过后应满足颜色和亮度的要求

耐汗渍色牢度沾色的染色要求将从三级改为最低四级

编织材料的拉伸强度的要求更改为最低100牛

针织材料的破裂强度要求改为至少100千帕（50平方厘米的测试面积）和最低200千帕（7.3平方厘米的测试面积）

单层或多层服装的物理性能测试，Ret不能大于5平方米帕/瓦特。如果Ret超过5平方米帕/瓦特，Rct（符合ISO11092）必须测量并应确定 $imt \geq 0.15$

反光材料的各项性能级别没有区分 - 要求与EN471的2级一样

新的标志更改如上图。（X=所确定的性能等级的服装，而导致的反光材料的最小面积）

Sample for reference 参考图片: Sample report 样本报告 :