



Structure of a Handrail

The ONEELEVATOR.com handrail - dynamic, functional and durable

ONEELEVATOR.com handrails have proven their worth as safe, reliable and low-maintenance products all over the world and under the widest variety of conditions. All of the handrail's components are carefully developed, approved and are constantly being improved, as we work in co-operation with our customers.

Choose from a range of black and coloured handrails

ONEELEVATOR.com offers you black SBR handrails for any application. Take your inspiration from our colour palette!

Staple-fibre sliding layer for use anywhere

ONEELEVATOR.com has been supplying handrails for indoor and outdoor applications for many years. The cotton sliding layer on escalators in the department store sector is tried-and-tested over many years of service. Underground railway escalators are subject to other environmental conditions calling for use of a synthetic sliding layer.

ONEELEVATOR.com has successfully combined the positive attributes of these two tried-and-tested sliding layers in the one product - our staple-fibre sliding layer. The staple-fibre handrail has been very well received for a number of years now for both new installations and in the spare parts market. Thanks to this sliding layer, the handrail's area of application can be extended, with the escalator also running more quietly.

We will be pleased to send you our information sheet on the appropriate areas of application of the staple-fibre sliding layer.

扶手带物理性能标准 Armrest Belt's Physical & mechanical function			
	项目 Property Name	计量 Unit	指标 Target
复盖胶层 Cover rubber level	拉伸强度 Tensile Strength	Mpa	≥12
	扯断伸长率 Elongation At Brak	%	≥300
	扯断变形 Pulls apart the distortion	%	≤30
	硬度 Hardness	度 (邵尔A)	75±5
	脆性温度 Tmperature Limit Of Brittleness	°C	≤-20
	磨损量 Abrasion loss	CM3/1.16Km	≤0.5
	老化系统 Ageing	70°C×72h	≥0.75
	屈挠次数 Flex Life	次	10万次无龟裂
	抗臭氧 Cracks, ozore	臭氧浓度50PPhm 96小时30°C 拉伸20%	0级
胶布层 Adhesive plaster level	胶布层间粘着强度 Adhesion Strength	KN/M	≥4
成品 End product	抗拉强度 (纵向) Lenseile Strength Band	KN	≥25
	开口握力 The opening of the entrance's grip	N(30mm宽, 扩张7mm)	≥49
钢丝 Steel wire	单根破断强度 The simple root snaps the intensity	N/根	1800
	H抽出 H extracts	N	470