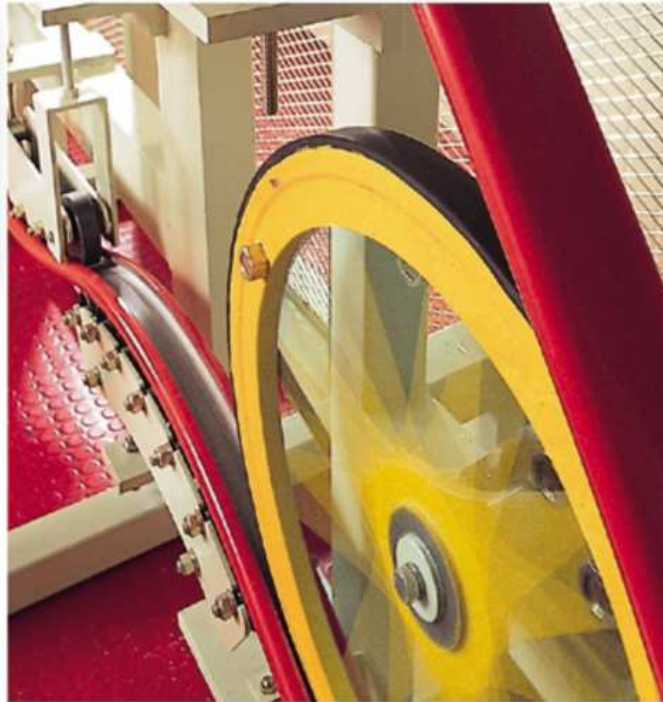




# Escalator Handrail Movingwalk Handrail *Dayflex*



***Dayflex***



# Dayflex

Company History

## High-Technology Handrails for Escalator & Moving Walk

**Dayflex** is one of the most advanced and very well-established rubber products manufacturers in the world. We, Daynaflex, are certified by ISO 9001 and specialized in development, production, logistics as well as sales, technical support and after service.

**Dayflex Handrail** was created through the long-term experiences in the industry of rubber products and produced with the optimal materials and modern facilities.

**Dayflex Handrail** meets customer s individual needs & requirements in the market, and its all manufacturing operations and quality system are well strengthened by the unique access to automotive industry of Original Equipment Manufacturers on the basis of QS 9000 certificate. We focus on the high quality for your needs and rapid changes in the market to follow that with sincerity and trust.

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- 1970** Sep. 1978 Established Tong Yang Chemical Co.,Ltd. : Commenced the production of Low Pressure Hose for automotive and industrial
- 1980** Dec. 1982 Commenced the production of Weather Strip  
Aug. 1985 Commenced home production of Automotive Hydraulic Brake Hose  
Feb. 1988 Changed company name to HS Chemical Co., Ltd.
- 1990** Jun. 1990 Commenced the production of Conveyor Belt  
Feb. 1991 Opened the company to the public  
Apr. 1991 Commenced the production of Power Steering Hose  
May. 1991 Established a R&D Center  
Mar. 1993 Commenced the production of Air Conditioning Hose  
May. 1994 Acquired ISO 9001 quality certificate  
Sep. 1995 Management takeover of HS Climate Control Industries Co., Ltd..  
Jan. 1996 Established HS Material Co., Ltd.  
Mar. 1997 Commenced the development of technology for Plastic Tube Assembly, Pipe Bending Assembly and Bundle System  
Nov. 1997 Established JVC, HSI Automotives Ltd., in India  
Feb. 1998 Changed company name to HS R&A Co., Ltd.  
Dec. 1998 Acquired QS9000 quality certificate  
Dec. 1999 Commenced the production of Escalator Handrail
- 2000** Jul. 2001 Acquired EM mark(escalator handrail)  
Jan. 2002 Established HST R&A Co.,Ltd. in China  
May. 2002 Established HSL Rubber Industries Sdn. Bhd. in Malaysia  
Feb. 2003 Acquired ISO14000 quality certificate  
Mar. 2003 Established HS Automotive Alabama Inc. in U.S.A.





# The Right Solution for Any Application

Our key goal is to meet or exceed our customers' quality expectations. We have gained the respect and confidence of our customers by our total commitment to quality and by our continued high level of investment in **Dayflex**.

Our focus into future is in developing high performance handrail using our know-how accumulated through many years of the practical experiences in rubber products industry.



## ***Dayflex***



# Dayflex

High Quality

## Research for The Development of High-Tech Handrail

Through the introduction of the manufacturing technology for Handrail from Showa in Japan under the technical tie-up / technical cooperation, **Dayflex** Handrail can meet exactly customers' demands and is strongly recommended for the installation at all kind of escalators and moving walk system. To be the 'World Best', **Dayflex** Handrail is continuously being improved and extended to the various range of products through further technical development and innovation.



### ▶ Trial Running Machine

For the guarantee of quality at the field operation, **Dayflex** Handrail is conducted a trial running test under much stricter and severer test specification than a general operating condition of handrail.



### ▲ Auto-Forming Machine

Auto-Forming System with highly precise controlling device and the stabilized dimension provides the high-quality products.



### ▲ Fatigue & Bending Tester

For the guarantee of perfect quality, Fatigue & Bending Tester was designed and equipped for the test of adhesive strength between plies, and flexibility of reinforcement within short-period.



### ▲ Gloss Measurement System

loss Measurement System for the customers satisfaction with the beautiful surface color of handrail cover rubber.



# Advanced Technology, High Quality Handrails



## ◀ Handrail for Escalator

**Dayflex** is manufacturing the various type of handrails for wide range applications of escalator in subway station, railroad and bus terminal etc., The range of products are standard type, slim type, high-glossy and antibacterial type.



## ◀ Handrail for Moving Walk

Based on our experience in developing Moving Walk Belt, **Dayflex** provides with Handrail, which is most adequate for Moving Walk.



# Dimensional Stability & High Tear and Tensile Strength Quality Handrail



**Cover Rubber** With various color options and functional design, HS R&A Handrail guarantees the superior quality and highperformance under the various applications and circumstances.

**Reinforced Ply** We are maintaining the Best Quality in the construction by using the reinforced ply with the stiffness in weft direction, stable bending & fatigueresistance.

**Tension Member** The Steel Cord and Steel Tape provide the excellent flexibility, optimal elongation and tensile strength.

**Wear Ply** The Synthetic Textile with the characteristics of highest resistance to oil, ozone and moisture allows minimum noise and the best internal adhesion.

## Optimal Material Composition

- **Cover Rubber** - Excellent endurance to all severer conditions and glossy color.
- **Steel Cord and Steel Tape** - Superior fatigue and flexibility
- **Rubber Layer** - Extremely high level of adhesive strength under constant bending and adverse conditions
- **Wear Ply** - Unique synthetic textile suitable for the application of outdoor and indoor.
- **Reinforced Ply** - The characteristics of lower sliding coefficient in running direction.

## Feature of Cover Rubber

The high quality of cover rubber is specially designed compound to provide not only outstanding resistance to ozone, weather & oil, etc., but the wide ranges of options on color.

In order to give longest lifetime HS Handrail uses CSM (Chlorosulphonated Polyethylene Rubber).

On the basis of our long-experience as the leading manufacturer of rubber products, we are continuing the development of special type of cover rubber to provide customers with better quality.

