



MEASURE THE HANDRAIL LENGTH

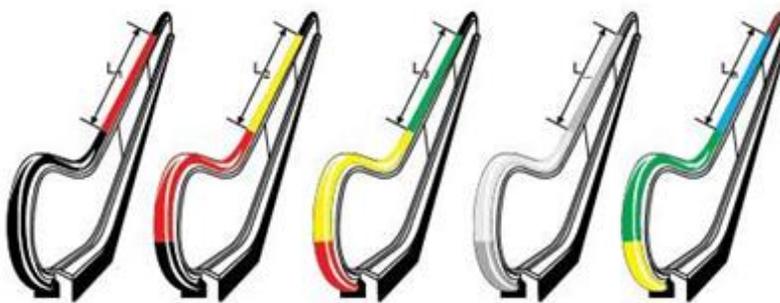
If you don't know the correct length of the handrail for your replacement order, you have to measure the handrail length on site.

Before the measurement take the following points in consideration:

- Use a long measuring tape (3m – 5m) for the measurement.
- Length measurements are only be taken on straight handrail sections L1.
- Check the position of the handrail tension device.

How to measure the handrail:

- Mark the starting point (starting mark) and the end point and measure the length L1.
- Put the escalator into operation until the mark on the top end reaches the bottom end, where the starting mark was before.
- Measure and mark the new length L2. It's easier when you always measure the same length.
- Repeat the procedure until the starting mark appears.
- The sum of all measurements (L1, L2, L3,... Ln) gives the actual length of your handrail.



$$L = L1 + L2 + L3 + \dots + Ln$$

Why it's necessary to check the position of the handrail tension device.

- If the device is on minimum position you have to add length to the handrail length.
- If the device is on maximum position you have to reduce the handrail length.

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