

# tesaflex® 53948

PVC Electrical Insulation Tape IMQ & SEMKO & IEC

## PRODUCT INFORMATION

### Product Description

tesa® 53948 IMQ/SEMKO/IEC is a specially formulated self extinguishing plasticised PVC tape with good film flexibility and adhesion for low temperature application.

Using plasticisers that are unaffected by most wiring systems plus a modified rubber adhesive system make tesa® 53948 IMQ/SEMKO/IEC ideal in electrical insulation application.

### Main Application

tesa® 53948 is suitable for wire and cable insulation, bundling, marking, reinforcing, sealing and protection applications.

### Technical Data

|                     |                |                                |           |
|---------------------|----------------|--------------------------------|-----------|
| ■ Backing material  | soft PVC       | ■ Elongation at break          | 260 %     |
| ■ Total thickness   | 130 µm         | ■ Tensile strength             | 32 N/cm   |
| ■ Type of adhesive  | natural rubber | ■ Temperature resistance       | 90 °C     |
| ■ Adhesion to steel | 2.7 N/cm       | ■ Dielectric breakdown voltage | 5000 volt |

### Properties

|                          |                                   |
|--------------------------|-----------------------------------|
| ■ Certified according to | VDE, IMQ, SEMKO, IEC<br>60454-3-1 |
|--------------------------|-----------------------------------|

### Additional Info

tesa® 53938 has a IMQ & SEMKO certification and meets IEC 454-3-1 specification.

For latest information on this product please visit <http://l.tesa.com/?ip=53948>

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tesa SE  
A Beiersdorf Company

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