

tesa® 51206

Abrasion resistant anti-squeak and gliding UHMW-PE tape

PRODUCT INFORMATION

Product Description

tesa® 51206 is an ageing and abrasion resistant high density PE tape coated with an acrylic adhesive.

- very good slip properties and self lubricating
- very low wear and low friction loss
- excellent chemical resistance to acids, alkalis and aggressive gases
- very good acoustic damping
- exceptionally high notched impact strength
- high energy absorption capacity at high stress levels

Main Application

For use in transport-, packaging-, food-, printing-, plastic-, aluminium- and textile industry.

- sliding help for car roofs, copiers, fax machines, drawers, coin and cigarette automats, etc
- protection of harnesses in high friction areas
- noise and wear reduction for trim parts
- equipping of conveyor belts as a sliding surface
- noise reduction at bottle filling and packaging stations

Technical Data

■ Backing material	PE film	■ Adhesion to steel	4.3 N/cm
■ Type of adhesive	acrylic	■ Elongation at break	300 %
■ Total thickness	114 µm	■ Tensile strength	43 N/cm

Properties

■ Abrasion resistance	++	■ Self-lubricating properties	++
■ Noise reducing	++		

Evaluation across relevant tesa® assortment: ++ very good, + good, o medium, - low

Additional Info

tesa® 51206 is offered on a paper liner for converting and die-cutting