

TECHNICAL SPECIFICATIONS NEOPRENE RUBBER DOOR

Dimensions and Presentation

- Ancho: 30 mm
- Thickness: 3 mm
- Roll length: 100 meters
- Format: Roll with cardboard inner tube
- Color: Black

Physical and Mechanical Properties

- Base material: Cellular synthetic rubber (SBR/CR blend or Neoprene) of closed cell
- Density: ~100 to 150 kg/m³
- Dureza: 35 ± 5 Shore 00 / Shore A
- Adhesive reinforcement: High-strength braided yarn mesh
- Flexibility: Excellent, free of EVA or polyethylene fillers (maximum elastic memory)
- Fire behavior: Material considered self-extinguishing (not propagates the flame in the absence of direct fire)

Thermal and Chemical Properties

- Temperature range: Optimal from -40 °C to +60/80 °C (depending on the specific manufacturer of the compound)
- Environmental resistance: High resistance to water and humidity, ozone, aging and UV rays

Common Applications

- Insulation: Thermoacoustic airtight seals on doors and windows and partitions
- Metal structures: Prevents wear from friction and prevents torque galvanic corrosion between different metals
- Industrial sealing: Vibration damping in machinery, electrical panels and bodywork