

<b>DATA SHEET OF FRICTION MATERIAL ST 10</b>
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- Colour: dark grey/black
- Composition:
  - mineral and sintetic fibers
  - organic and inorganic charges
  - graphite powder with lubricating properties
  - nitrile rubbers
  - phenolic resins

*Note: the material is asbestos-free.*
- Friction coefficient: 0,3 ÷ 0,4
- Wear coefficient (@ 79 N, 7 m/s ): 0,04 cm<sup>3</sup>/10<sup>6</sup> Joule
- Hardness: 85 ÷ 95 ShoreD
- Density: 1,8 ÷ 2,1 g/cm<sup>3</sup>
- Maximum tensile strength: 9 ÷ 14 N/mm<sup>2</sup>
- Maximum compressive strength: 36 ÷ 46 N/mm<sup>2</sup>
- Maximum temperature of utilization: 320 °C
- Temperature at continuous regime: 170 °C
- Suggested working surface: Cast Iron or Steel (no stainless) with surface hardness 197 ÷ 255 HB.