

## Maxflex M-LE-100 Series

### Product Description

M-LE-100 series is a single layer polyurethane sheet designed for clear orthodontic and dental appliances. Besides its exceptional transparency and high strength, this series provides an excellent durability.

M-LE-100 series is available with the following forms and dimensions:

- Roll width: 137 mm/102 mm
- Sheet Ø: 125 mm/120 mm
- Thickness of roll/sheet: 1.0 mm/0.76 mm/0.63 mm/0.40 mm

### Key Attributes

- Excellent stain resistance and transparency
- High strength
- Excellent abrasion resistance
- Excellent crack resistance
- easy to cut and polish
- Protective film is optional

### Physical Properties

| Property                   | Test Method    | Typical Value* |
|----------------------------|----------------|----------------|
| Tensile modulus (MPa)      | YY/T 1819-2022 | 2150           |
| Yield stress (MPa)         | YY/T 1819-2022 | 58             |
| Yield strain (%)           | YY/T 1819-2022 | 5.5            |
| Angle tear strength (KN/m) | YY/T 1819-2022 | 230            |

\* Values are based on sheet products. Unless noted otherwise, properties reported here are typical of average lots.

### Packaging

M-LE-100 series rolls and sheets are packed in sealed aluminum bag. For more information about this product series, please contact our sales representative.