## 1. GENERAL INFORMATION

Scrapers are rubber elements fitted to the equipment of machines used to maintain and repair roads and to remove snow and silt deposited on the carriageway.

They are made of a mixed rubber and steel insert compound, which gives very good compaction and stiffens the product.

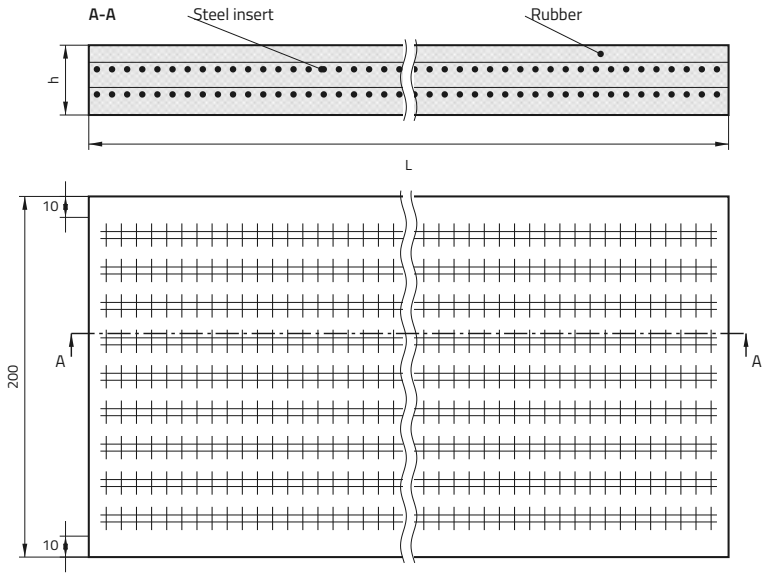
The rubber compound is based on natural rubber and synthetic polymers, so the products can be used from -40 to +70 °C, with very good resistance to wear and weathering and high resistance to mechanical shocks.

The steel insert, made of pieces of steel cord laid crosswise in 3 – 4 parallel planes (1.5 mm diameter), is spread evenly along the whole length of the product, with very good adhesion between the steel and the rubber.

## 2. DIMENSIONS

### 2.1 Dimensions

| Thickness (mm) | Width (mm) | Length (mm) |
|---|---|---|
| 40 | 200 | 500; 600; 800; 900; 1000; 1200; 1500; 2000; 2500; 3000 |
| 50 | 200 | 500; 600; 800; 900; 1000; 1200; 1500; 2000 |




### 2.2 Tolerances

| | Tolerance |
|---|---|
| Length (L) | 3% |
| Thickness (h) | ±1.6 mm |
| Width (mm) | 1.5% |



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## 3. CHARACTERISTICS

### 3.1 Physical and mechanical properties of the rubber compound

| Characteristics | Required value | Test method |
|---|---|---|
| Tensile strength (kgf/cm²), min | 100 | SR ISO 37/2012 |
| Elongation at break (%), min | 200 | SR ISO 37/2012 |
| Hardness (°Shore A) | 65 ±5 | SR ISO 7619/2011 |
| Resistance to accelerated ageing (168 h at 70 °C): | | SR ISO 188/2011 |
| – decrease in tensile strength (%), max | 30 | |
| – decrease in elongation at break (%), max | 50 | |
| – increase in hardness (°Sh A), max | 15 | |
| Resistance to low temperature (°C) | -40 | ISO 812/2011 |
| Abrasion loss (mm³), max | 150 | ISO 4649/2010 |
| Cord–rubber adhesion (kgf/cm), min | 100 | STAS 9314/74 |

## 4. APPEARANCE

- Smooth surface, with no voids or foreign inclusions.
- Compact in section, with no air bubbles.

## 5. ENVIRONMENTAL DATA

The product is not dangerous for people or the environment. Production waste can be regenerated, or used as fuel when it cannot be regenerated.



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