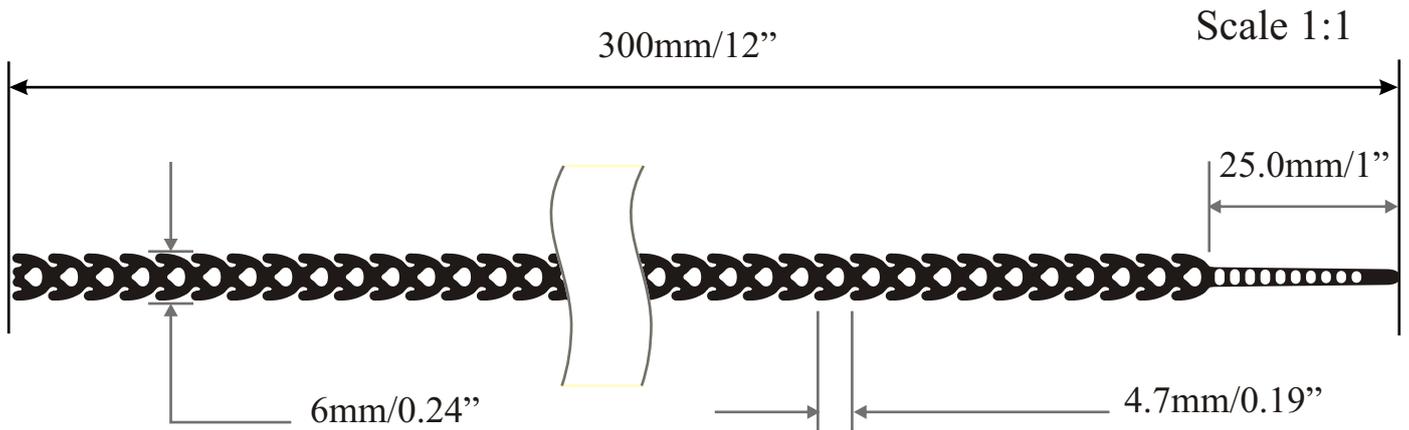


# Product Specification :

0630 Light Duty rapstrap (6mm x 300mm/12")



## Product Properties:

Product Code: 0630  
Brand: rapstrap  
Manufacturer: Maxell Moulding Services, UK  
Standard Pack Sizes: 48 or 96 OEM bags  
Standard Colours: Black, natural, green  
Notes: other pack sizes and colours may be available subject to minimum order

## Physical Properties:

Nominal Moulded Length: 300mm (12")  
Width: 6.0mm (0.24")  
Thickness: 0.9mm (0.035")  
Weight: 1.2g  
Apertures: 59  
Maximum Bundle Size: > 120mm (5") diameter (@ 25% stretch)  
Minimum Bundle Size: < 5mm (0.2") diameter  
Average uses per Strap: 3-5 (@ 20-40mm diameter, 25% stretch)  
Notes: 1. rapstraps are semi-elasticated and will exceed their nominal length during use.

## Material Properties:

Material: Custom Polyurethane Elastomer Alloy  
Density: 1200kg/m<sup>3</sup> (apx)  
Maximum Tensile Strength: 50MPa (Elastic limit yield at 12MPa)  
Elongation at Break: 500%  
Flexural Modulus: <0.15GPa  
Resistance to Fuels and Oils: Good to Excellent

## Mechanical Properties:

Insertion (fitting) Force: < 20N apx.  
Max Rec. Single-loop Load: > 60N (6kg)  
Rec. Usable Stretch: up to 50%  
Max Usable Stretch: up to 100%  
Notes: Maximum strength is achieved with the latching point placed at the top of the loop.

## Thermal Properties:

Coefficient of Thermal Expansion: 131um/m°C (0.13% per degree) @ 20°C  
Low Temperature Brittle Point: -68°C (-90°F)  
Rec. Service Temp Range [no load]: -20°C to +60°C (-4°F to 140°F)  
Short Term Peak Temp Range [no load]: -30°C to +80°C (-22°F to 176°F)  
Vicat Softening Temperature: Rate A, 168°C (334°F)

## Flame & UV Properties:

Flammability UL94 Flame Class: 1.5mm (0.06") Thickness, Class HB  
UV Properties: Generally good. Some loss of physical properties & yellowing may occur under conditions of prolonged outdoor exposure.