

## Features

- UL approved Nylon 66 (UV RESISTANT BLACK), 94V-2.
- Feature: Low Smoke and Halogen Free cable tie suitable for various industry, also household DIY and gardening.
- Application: One piece self-lock cable tie save the time and make effective for installation.

## RS PRO Cable Ties

RS Stock No.: 0642841



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

## Product Description

- Cable ties are produced from Polyamide 6.6 material, which is known as the most durable of plastics. It has high strength and hardness thanks to its semi-crystalline structure. These structural features make cable ties the most suitable material to use under loads due to their very high bending and tensile strength and low friction coefficient. Black-colored cable ties provide excellent protection against sunlight with UV resistance in outdoor applications with the carbon black additive inside.

## General Specifications

|                               |                                                     |
|-------------------------------|-----------------------------------------------------|
| Series                        |                                                     |
| Type                          | Non-Releasable                                      |
| Colour                        | Black                                               |
| Material                      | Nylon 66                                            |
| Finish                        | NA                                                  |
| Application                   | Bundling wire together / Tightening labels to poles |
| Resistant To                  | Chemical and Ultraviolet resistance                 |
| UV Resistant                  | Yes                                                 |
| Minimum Operating Temperature | -10°C                                               |
| Maximum Operating Temperature | 60°C                                                |
| Fire Behaviour                | Self-Extinguishing                                  |
| Quantity                      | 100                                                 |

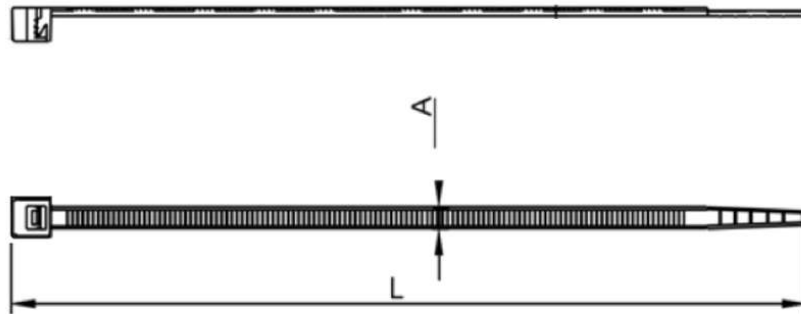
## Approvals

|               |                                         |
|---------------|-----------------------------------------|
| Standards Met | UL94V-2,REACH,RoHS,CE,DNV,TUV IEC 62275 |
|---------------|-----------------------------------------|

## Mechanical Specifications

|        |       |
|--------|-------|
| Length | 140mm |
|--------|-------|

|                         |               |
|-------------------------|---------------|
| Width                   | 3.5mm         |
| Tensile Strength        | 18kg / 176.5N |
| Maximum Bundle Diameter | 31mm          |
| Thickness               | 1.2mm         |



| RS Article | Colour | Lenght<br>(mm)<br>L | Width (mm)<br>B | Quantity | Min. Tensile<br>Strenght (Kg) | Max. Bundle<br>Dia. (mm) |
|------------|--------|---------------------|-----------------|----------|-------------------------------|--------------------------|
| 0642833    | Black  | 100                 | 2.5             | 100      | 8                             | 22                       |
| 0642836    | Black  | 100                 | 2.5             | 1000     | 8                             | 22                       |
| 0642841    | Black  | 140                 | 3.5             | 100      | 18                            | 31                       |
| 0642843    | Black  | 140                 | 3.5             | 1000     | 18                            | 31                       |
| 0642838    | Black  | 300                 | 3.5             | 100      | 18                            | 79                       |
| 0642832    | Black  | 300                 | 4.5             | 100      | 22                            | 80                       |
| 0642835    | Black  | 300                 | 4.5             | 1000     | 22                            | 80                       |
| 0642839    | Black  | 370                 | 4.5             | 100      | 22                            | 102                      |
| 0642847    | Black  | 300                 | 7.5             | 100      | 55                            | 75                       |
| 0642837    | Black  | 370                 | 7.5             | 100      | 55                            | 98                       |