

# CABLE RETENTION



## Heavy Duty Nylon Cable Tie – Smart® Tie

Smart® Tie is a patented heavy duty nylon cable tie, able to withstand system loads well in excess of 600kg. Manufactured by HCL, in a selection of materials; it is able to perform in the most aggressive environments around the world, both on and offshore. Lightweight, easy to use and non-corrosive; the Smart® Tie is the ideal cable tie solution for smaller diameters. The Smart® Tie cable tie can also be made from Nylon 11 which is a long life polymer used in the offshore & subsea industry. In addition the Smart® Tie is widely used in the downhole application as an alternative to metallic solutions.

### Applications

#### Onshore:

- Processing Plants
- HVAC
- General Industry

#### Offshore:

- Cable Protection
- Oil Rigs
- Subsea Marking

### Materials – see section 7.2

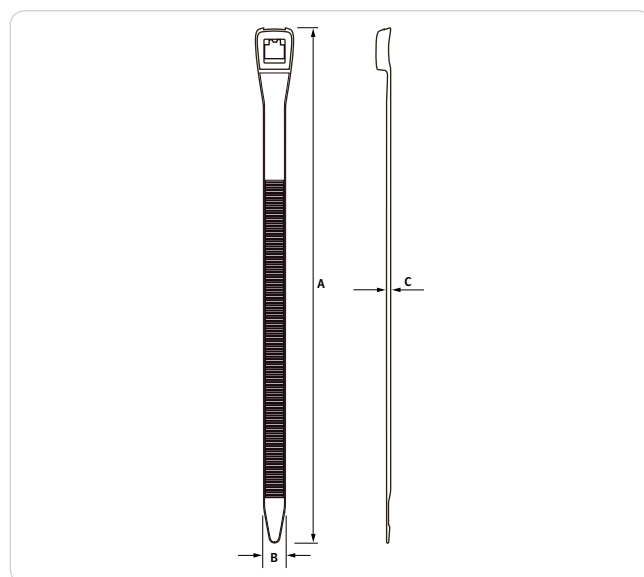
#### Onshore:

Heat/UV Stabilised ROHS Nylon 6.6.

#### Offshore:

Nylon 12

PPS



HCL Part No	Diameter Range mm	Length (A) mm	Band Width (B) mm	Band Thickness (C) mm	System Strength kg	Box Quantity
ST-20-750	75 – 205	750	20.0	3.6	680	50
ST-20-600		600				
ST-20-450		450				
ST-32-850		850	32			
ST-32-550		550				

All weights, dimensions & quantities are subject to a 2.5% tolerance.  
To add material selection to the HCL Part No: for Nylon 6.6, add “-PA66”, or for Nylon 11, add “-PA11”.

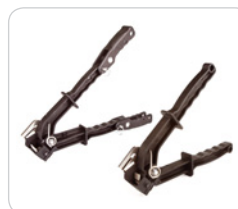
### Online Videos

Demonstration videos are available to view on our website.



Smart® Tie and SM-FT-2000-19 Hand Tool

### Installation Tools



SM-FT-2000-19 or  
SM-FT-2000-32



SM-FT-1000-20ST or  
SM-FT-1000-32ST



SM-FT-3000-19 or  
SM-FT-3000-32