

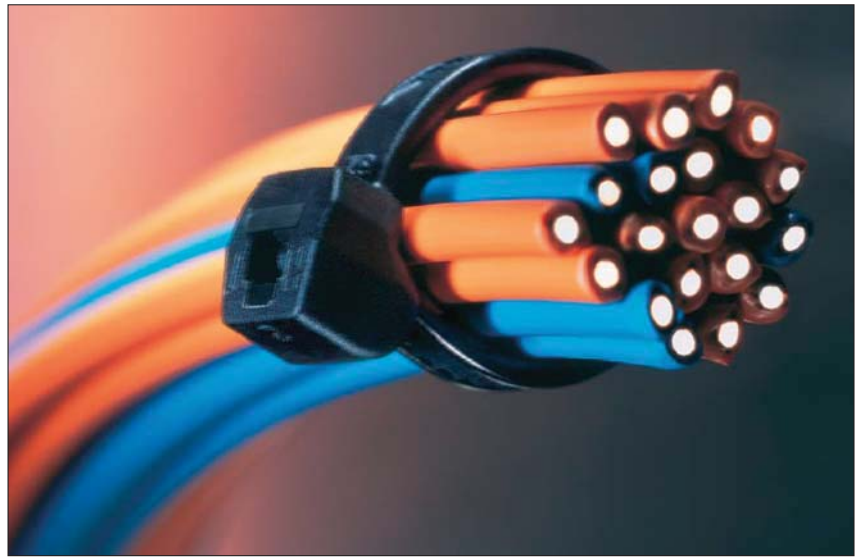
Cable Ties for thin-walled bundles

• OS-Series

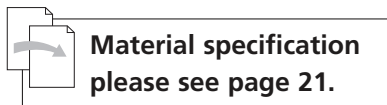
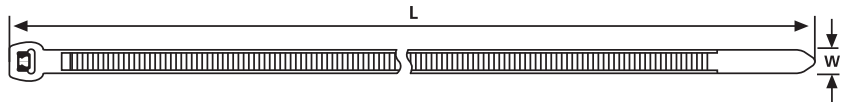
Designed originally for the automotive market these ties are now being used in many areas where thin-walled or soft insulation wires and cable are being installed, e.g. railways, aircraft, data cable installations, electronics.

Features and Benefits

- Outside serrated cable tie with smooth surface to the bundle
- Tie follows the contours of the cable bundle perfect
- Takes up less space due to curved head
- Easy insertion and high tensile strength
- For higher temperature or Limited Fire Hazard demand: Material PA46 or PA66V0
- Easy application either manually or with a processing tool



The contoured head needs less installation space, provides low insertion force and offers high strength.



Material specification please see page 21.



The new head design of the OS Series

Article-No.	Type	Length (L)	Width (W)	Bundle Ø min.	Bundle Ø max.	Min. Tensile Strength (N)	Material	Colour	Application Tool
Polyamide 6.6. Heat Stabilised									
118-00035	T18ROS	100	2.5	1.6	20.0	80	PA66HS	Natural (NA)	1-3, 5
118-04701	T18ROS	100	2.5	1.6	20.0	80	PA66HS	Black (BK)	1-3, 5
118-00064	T30ROS	148	3.4	1.6	35.0	135	PA66HS	Natural (NA)	1-3, 5
118-04800	T30ROS	145	3.4	1.6	35.0	135	PA66HS	Black (BK)	1-3, 5
118-00044	T30LOS	200	3.4	1.6	50.0	135	PA66HS	Natural (NA)	1-3, 5
118-04900	T30LOS	200	3.4	1.6	50.0	135	PA66HS	Black (BK)	1-3, 5
118-05859	T50SOS	150	4.6	1.6	35.0	225	PA66HS	Natural (NA)	1-5
118-05850	T50SOS	150	4.6	1.6	35.0	225	PA66HS	Black (BK)	1-5
118-05059	T50ROS	200	4.6	1.6	50.0	225	PA66HS	Natural (NA)	1-5
118-05040	T50ROS	200	4.6	1.6	50.0	225	PA66HS	Black (BK)	1-5
118-00055	T50MOS	245	4.6	1.6	66.0	225	PA66HS	Natural (NA)	1-5
118-00018	T50MOS	245	4.6	1.6	66.0	225	PA66HS	Black (BK)	1-5
118-05900	T50LOS	384	4.6	1.6	110	225	PA66HS	Black (BK)	1-5
118-00067	T120ROS	385	7.6	5.0	105	535	PA66HS	Natural (NA)	6-10
118-00066	T120ROS	385	7.6	5.0	105	535	PA66HS	Black (BK)	6-10
Polyamide 6.6 V0-HOI									
118-00079	T18ROS	100	2.5	1.6	20.0	80	PA66V0-HOI	White (WH)	1-3, 5
118-00080	T30LOS	200	3.4	1.6	50.0	135	PA66V0-HOI	White (WH)	1-3, 5
118-00081	T50MOS	245	4.6	1.6	66.0	225	PA66V0-HOI	White (WH)	1-5
118-00082	T120ROS	385	7.6	5.0	105	535	PA66V0-HOI	White (WH)	6-10
Polyamide 4.6									
118-05078	T50ROS	200	4.6	1.6	50.0	225	PA46	Grey (GY)	1-5

All dimensions in mm. Subject to technical changes.

Other materials available on request.

Cable Ties for high temperature application up to +240°C

• PEEK Ties

PEEK Ties have been designed for the use in hazardous environment.

Its suitability for high temperature applications makes it useful for the drilling industry, railway, offshore or automotive industry.

The excellent chemical and radiation resistance is predestined for applications in medical engineering, chemical industry and power stations.

With regards to aerospace industry PEEK ties are suitable due to their good ratio weight to tensile strength.

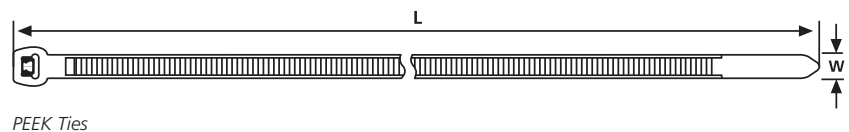
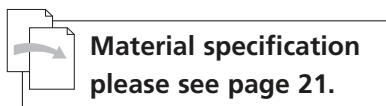
Because of this combination of different properties PEEK ties can replace metal solutions.



The contoured head takes up less space, gives a low insertion force and offers high strength.

Features and Benefits

- For high temperature application from -55° C up to +240° C
- Outside serrated cable tie with smooth surface to the bundle
- Close-fitting to the cable bundle due to the deepening head shape
- Easy insertion combined with high tensile strength
- Takes up less space due to curved head
- Conjuncts performance of a metal tie with the ease of use of a polyamide cable tie.
- Easy application either manually or with a processing tool



Article-No.	Type	Length (L)	Width (W)	Bundle Ø min.	Bundle Ø max.	Min. Tensile Strength (N)	Material	Colour	Application Tool
118-00032	PT2A	145	3.4	4.0	35.0	230	PEEK	Beige (BGE)	MK7, MK7P
111-01235	PT220	220	4.7	8.0	56	380	PEEK	Beige (BGE)	MK7, MK7P, MK9, MK9P

All dimensions in mm. Subject to technical changes.



Please note! Not all products listed on this page may have this approval. For product specific approvals please refer to the Appendix.

Cable tie with 90° angled head

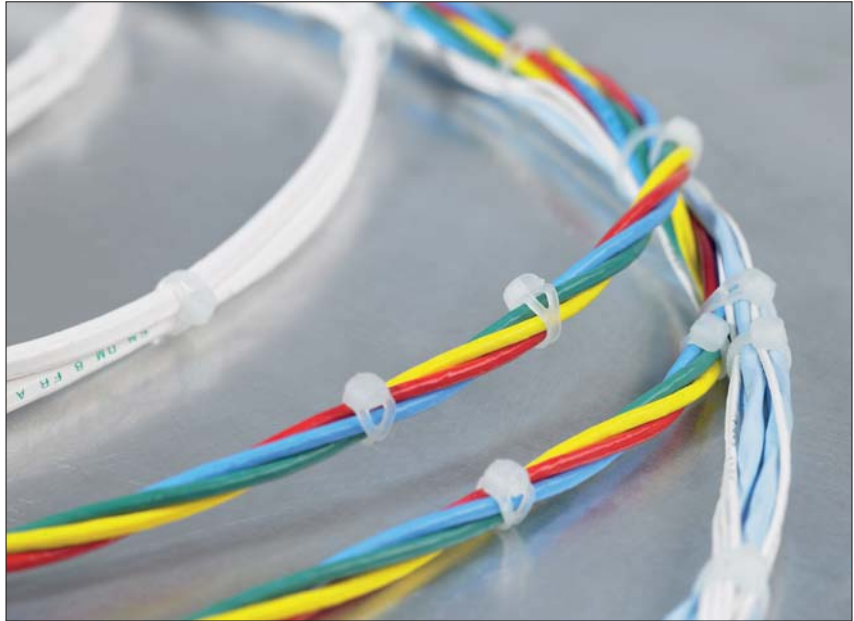
• V-Series

The outside serrated V-Series are perfectly suitable with its low profile head for applications with restricted space like camera and alarm systems and Automation systems (Remote I/O Systems)

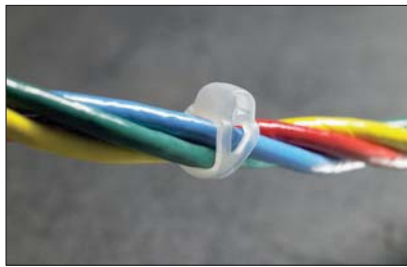
If bundles have to be fed through a grommet or ductwork the V-Series is due to its lentiform head and rounded design a practical solution.

Features and Benefits

- Outside serrated cable tie with smooth surface to the bundle
- Lentiform, 90° angled head
- Rounded head design minimizes risk to damage insulation especially of parallel routed bundles
- Head takes up less height above the bundle
- close-fitting to the the cable bundle
- Easy insertion and high tensile strength
- Easy application either manually or with a processing tool



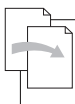
V-Series is perfect for parallel bundles.

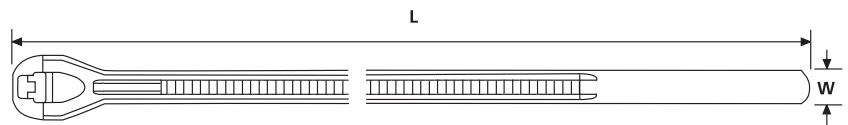


V-Series - less height above the bundle.



Outside serration means no damage of insulation.

 **Material specification please see page 21.**



V-Series

Article-No.	Type	Length (L)	Width (W)	Bundle Ø max.	Min. Tensile Strength (N)	Material	Colour	Application Tool
118-00074	V100R	102.5	2.45	20	100	PA66HS	Natural (NA)	1-3, 5
118-00089	V150R	150	3.3	35	150	PA66HS	Natural (NA)	1-3, 5
118-00109	V100R	102.5	2.45	20	100	PA46	Grey (GY)	1-3, 5
118-00107	V150R	150	3.3	35	150	PA46	Grey (GY)	1-3, 5

All dimensions in mm. Subject to technical changes.