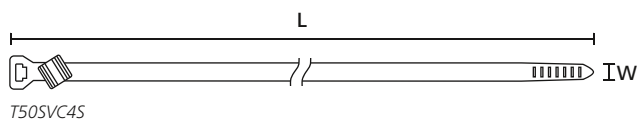


2-Piece Fixing Ties with Pipe Clip, twistable 360°

These fixing ties provide the opportunity to attach a wire or hose to an existing harness. Offering a full 360° rotation, the wire/hose can be oriented in any direction in relation to the main harness.

Features and benefits

- Simply clip on a wire or hose
- Fixing clip offers full 360° rotation
- Routed cable can move in any direction in relation to the fixing point



T50SVC5 rotates in any direction.

PART DESCRIPTION	Drawing	Attach to Ø	Width (W)	Length (L)	Bundle Ø max.
T50SVC4S-PA66HS/PP-BK/NA		3.8 - 4.2	4.7	155.0	35.0
T50SVC4-PA66HS/PA66HIRHS-BK		3.8 - 4.2	4.7	155.0	35.0
T50SVC5-PA66HS-BK		4.5 - 5.2	4.7	155.0	35.0
T50SVC3.5-PA66HS/PA66HIRHS-BK		3.45 - 3.55	4.7	155.0	35.0
T50SVC6.5-PA46-GY		6.5 - 8.0	4.7	155.0	35.0
T50SVC6.5-PA66HS/PA66HIRHS-BK		6.5 - 8.0	4.7	155.0	35.0
T50SVCOC9-11A-PA66HIRHS/PA66HS-BK		9.0 - 11.0	4.7	155.0	35.0
T50SVCOC9-11B-PA66HIRHS/PA66HS-BK		9.0 - 11.0	4.7	155.0	35.0
T50SVCOC10-14-PA66HS/PA66HIRHS-BK		10.0 - 14.0	4.7	155.0	35.0
T50SVCOC10-14-PA46-GY		10.0 - 14.0	4.7	155.0	35.0
T50SMVCOC10-14-PA66HS/PA66HIRHS-BK		10.0 - 14.0	4.7	210.0	50.0
T50SVCOC14-PA66HS/PA66HIRHS-BK		14.0	4.7	155.0	35.0
T50SVCOC15-18-PA66HS/PA66HIRHS-BK		15.0 - 18.0	4.7	155.0	35.0
T50SMVCOC15-18-PA66HS/PA66HIRHS-BK		15.0 - 18.0	4.7	210.0	50.0
T50SVCOC18-20A-PA66HS/PA66HIRHS-BK		18.0 - 20.0	4.7	155.0	35.0
T50SVCOC18-20B-PA66HS/PA66HIRHS-BK		18.0 - 20.0	4.7	155.0	35.0
T50SVCOC19-24.5-PA66HS/PA66HIRHS-BK		19.0 - 24.5	4.7	155.0	35.0
T50SMVCOC19-24.5-PA66HS/PA66HIRHS-BK		19.0 - 24.5	4.7	210.0	50.0
T50SMVCOC19-24.5-PA46-GY		19.0 - 24.5	4.7	210.0	50.0
T50SVCOC25-31-PA46/PA66HIRHS-GY/BK		25.0 - 31.0	4.7	155.0	35.0
T50SVCOC25-31-PA66HS/PA66HIRHS-BK		25.0 - 31.0	4.7	155.0	35.0
T50SMVCOC25-31-PA66HS/PA66HIRHS-BK		25.0 - 31.0	4.7	210.0	50.0
T50SVCOC28-PA66HS/PA66HIRHS-BK		28.0	4.7	155.0	35.0
T50SMVCOC28-PA66HS/PA66HIRHS-BK		28.0	4.7	210.0	50.0
T50SVCOC31-39-PA66HS/PA66HIRHS-BK		31.0 - 39.0	4.7	155.0	35.0
T50SMVCOC31-39-PA66HS/PA66HIRHS-BK		31.0 - 39.0	4.7	210.0	50.0
T50SVCOC39-45-PA66HS/PA66HIRHS-BK		39.0 - 45.0	4.7	155.0	35.0
T50SMVCOC39-45-PA66HS/PA66HIRHS-BK		39.0 - 45.0	4.7	210.0	50.0
T50SVCOC25.0-31.0 ST-PA66HS/PA66HIRHS-BK		25.0 - 31.0	4.7	155.0	35.0
T50SVCOC31.0-39.0 ST-PA66HS/PA66HIRHS-BK		31.0 - 39.0	4.7	155.0	35.0

All dimensions in mm. Subject to technical changes.



Material Specification Overview

MATERIAL	Material Shortcut	Operating Temperature	Colour*	Flammability
Aluminium alloy	AL	-40 °C to +180 °C	Natural (NA)	
Chloroprene Rubber	CR	-20 °C to +80 °C	Black (BK)	
Ethylene Tetrafluoroethylene (Tefzel®)	E/TFE	-80 °C to +170 °C	Blue (BU)	UL 94 V0
Polyacetal	POM	-40 °C to +90 °C, (+110 °C, 500 h)	Natural (NA)	UL 94 HB
Polyamide 11	PA11	-40 °C to +85 °C, (+105 °C, 500 h)	Black (BK)	UL 94 HB
Polyamide 11, UV-resistant	PA11W	-40 °C to +105 °C	Black (BK)	UL 94 HB
Polyamide 12	PA12	-40 °C to +85 °C, (+105 °C, 500 h)	Black (BK)	UL 94 HB
Polyamide 4.6	PA46	-40 °C to +130 °C, (+150 °C, 5000 h; +195 °C, 500 h)	Natural (NA), Grey (GY)	UL 94 V2
Polyamide 6	PA6	-40 °C to +80 °C	Black (BK)	UL 94 V2
Polyamide 6, glass-fibre reinforced	PA6GF30	-40 °C to +100 °C	Black (BK)	UL 94 HB
Polyamide 6, high impact modified	PA6HIR	-40 °C to +80 °C	Black (BK)	UL 94 HB
Polyamide 6, high impact modified, heat stabilised	PA6HIRHS	-80 °C to +110 °C	Black (BK)	UL 94 HB
Polyamide 6.6	PA66	-40 °C to +85 °C, (+105 °C, 500 h)	Black (BK), Natural (NA)	UL 94 V2
Polyamide 6.6, glass-fibre reinforced	PA66GF13	-40 °C to +105 °C	Black (BK)	UL 94 HB
Polyamide 6.6, glass-fibre reinforced	PA66GF15	-40 °C to +105 °C	Black (BK)	UL 94 HB
Polyamide 6.6, heat and UV stabilised	PA66HSUV	-40 °C to +105 °C	Black (BK), Natural (NA)	UL 94 V2
Polyamide 6.6, heat and UV stabilised	PA66HSW	-40 °C to +105 °C	Black (BK)	UL 94 V2
Polyamide 6.6, heat stabilised	PA66HS	-40 °C to +105 °C	Black (BK), Natural (NA)	UL 94 V2
Polyamide 6.6, high impact modified	PA66HIR	-40 °C to +80 °C, (+105 °C, 500 h)	Black (BK)	UL 94 HB
Polyamide 6.6, high impact modified, heat and UV stabilised	PA66HIRHSUV	-40 °C to +110 °C	Black (BK)	UL 94 HB
Polyamide 6.6, high impact modified, heat and UV stabilised (only for cable ties for Autotool System 3080)	PA66HIRHSUV	-40 °C to +95 °C, (+105 °C, 5000 h; +145 °C, 500 h)	Black (BK), Natural (NA)	UL 94 HB
Polyamide 6.6, high impact modified, heat and UV stabilised	PA66HIRHSW	-40 °C to +110 °C	Black (BK)	UL 94 HB
Polyamide 6.6, high impact modified, heat stabilised	PA66HIRHS	-40 °C to +105 °C	Black (BK)	UL 94 HB
Polyamide 6.6, high impact modified, scan black	PA66HIR(S)	-40 °C to +80 °C, (+105 °C, 500 h)	Black (BK)	UL 94 HB

Tefzel® is a registered trademark of DuPont. General linguistic usage for cable ties made from raw material E/TFE is Tefzel®-Tie. In addition to Tefzel® from DuPont HellermannTyton also uses equivalent E/TFE raw material from other suppliers.

*Further colours available on request.

 = Minimum Loop Tensile Strength for Cable Ties (Newton)

MATERIAL	Material Shortcut	Operating Temperature	Colour*	Flammability
Polyamide 6.6, UV resistant	PA66W	-40 °C to +85 °C, (+105 °C, 500 h)	Black (BK)	UL 94 V2
Polyamide 6.6, UV-stabilised	PA66UV	-40 °C to +85 °C	Black (BK), Natural (NA)	UL 94 V2
Polyamide 6.6, with metal particles	PA66MP	-40 °C to +85 °C, (+105 °C, 500 h)	Blue (BU)	UL 94 HB
Polyamide 6.6, with metal particles	PA66MP+	-40 °C to +85 °C	Blue (BU)	not flame retardant
Polyamide 6.6 V0	PA66V0	-40 °C to +85 °C	White (WH)	UL 94 V0
Polyaryletherketone	PAEK	-55 °C to +200 °C	Beige (BGE)	UL 94 V0
Polyester	SP	-50 °C to +150 °C	Black (BK)	
Polyetheretherketone	PEEK	-55 °C to +240 °C	Beige (BGE)	UL 94 V0
Polyethylene	PE	-40 °C to +50 °C	Black (BK), Grey (GY)	UL 94 HB
Polyolefin	PO	-40 °C to +90 °C	Black (BK)	UL 94 V0
Polyphenylene Sulfide	PPS	-40 °C to +150 °C	Black (BK), Grey (GY)	UL 94 V0
Polypropylene, Ethylene Propylene Diene Terpolymer rubber free of Nitrosamine	PP, EPDM	-20 °C to +95 °C	Black (BK)	UL 94 HB
Polypropylene 20% Talkum	PPT20	-40 °C to +65 °C	Black (BK)	UL 94 HB
Polypropylene with metal particles	PPMP	-40 °C to +115 °C	Blue (BU)	UL 94 HB
Polypropylene with metal particles	PPMP+	-40 °C to +85 °C	Blue (BU)	not flame retardant
Polyvinylidene Fluoride	PVDFX	-50 °C to +150 °C	Natural (NA)	UL 94 V0
Polyvinylchloride	PVC	-10 °C to +70 °C	Black (BK), Natural (NA)	UL 94 V0
Stainless Steel	SS304, SS316	-80 °C to +538 °C	Natural (NA)	non-burning
Thermoplastic Polyurethane	TPU	-40 °C to +85 °C	Black (BK)	UL 94 HB

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*Further colours available on request.



= Minimum Loop Tensile Strength
for Cable Ties (Newton)

Tip: Material shortcut is part of our Part Description name

Product series name (indicating tie type, clip and harness routing variant)

Material code

Colour code (details on page 326)

T50ROSEC5A-PA66HS/PA66HIRHS-BK