

Wuerth Industrial Services Malaysia

HEAVY DUTY CABLE MANAGEMENT

**Competence for well thought-out concepts
and lower installation costs**



CABLE TAPE WITH FASTENING STRAP



Special cable band with fastening tab

- Higher resistance against ultraviolet radiation - for indoor and outdoor applications
- Usually used for heavy-duty applications
- Can be used with CLIP 0502992014
- UV and weather resistant

Width	12,7 mm
Material	PA - Polyamid
Min./max. temperature resistance	-40 to 85 °C
UV resistance	Yes
Halogen free	Yes
Silicone free	Yes
Colour	Black
Max. tensile force	1112 N

Length (L)	Art.-Nr.	PU
229 mm	0502 992 001	100
511 mm	0502 992 002	100
564 mm	0502 992 003	100
719 mm	0502 992 004	100
869 mm	0502 992 005	100
1019 mm	0502 992 006	100

Complementary products	Art.-Nr.
Screw-on base with locking tongue for cable ties with a tab	0502 992 014

CABLE TIE WITH FASTENING TAB, REOPENABLE



Cable connector for lashing – weather-resistant polyamide 6.6

- Weather-resistant material is resistant to ultraviolet radiation – suitable for indoor and outdoor applications
- Tab enables easy release and reuse if changes are to be expected during development, manufacturing or on-site service
- Usually used for heavy-duty applications
- Can be used with CLIP 0502992014
- UV and weather resistant

Width	12,7 mm
Material	PA - Polyamid
UV resistance	Yes
Halogen free	Yes
Silicone free	Yes
Colour	Black
Max. tensile force	1112 N

Long (l)	Min./max. temperature resistance	Art.-Nr.	PU
229 mm	-40 to 85 °C	0502 992 007	100
511 mm	-40 to 85 °C	0502 992 008	100
511 mm	-40 to 115 °C	0502 992 013	100
564 mm	-40 to 85 °C	0502 992 009	100
719 mm	-40 to 85 °C	0502 992 010	100
869 mm	-40 to 85 °C	0502 992 011	100
1019 mm	-40 to 85 °C	0502 992 012	100

Complementary products	Art.-Nr.
Screw-on base with locking tongue for cable ties with a tab	0502 992 014

Note

Article 0502992013 additionally heat stabilized up to + 115 ° C

SCREW BASE WITH DETENT FOR CABLE TIES WITH TAB - SCREW MOUNT CLIP



Fastening clip for lashing – Weather resistant polyamide 6.6

- Higher resistance to ultra violet radiation - for indoor and outdoor applications
- Converts cable ties into clips for lashing
- Engages effortlessly and offers a secure hold
- For use with lashing ties
- UV and weather resistant

Certificate of achievement

UR approval E56854

Art.-Nr.	0502 992 014
PU	100
Width (a)	17 mm
Diameter of hole(c)	6,6 mm
Long (d)	35,1 mm
Height (h)	3,2 mm
Material	PA - Polyamid
Halogen free	Yes
Silicone free	Yes
Colour	Black

DURABLE, WIDE CABLE TIES



Width	12,7 mm
Material	PA - Polyamid
Min./max. temperature resistance	-40 to 115 °C
UV resistance	Yes
Halogen free	Yes
Silicone free	Yes
Colour	Black
Max tensile force	533,8 N

Length (L)	Art.-Nr.	PU
231,1 mm	0502 992 015	250
307,3 mm	0502 992 016	250
383,5 mm	0502 992 017	250

Extra-heavy wide cable ties

- Easy-to-install mounting option for hoses, pipes, cables and wiring harnesses
- High tensile strength of 533.8 N, offers a secure hold
- Flexible cable connector allow easier feed-in and installation
- The 12.7 mm width prevents lines and hoses from being crushed
- Polyamide 6.6 material is heat-stabilised (115°C), UV and weather resistant as well as impact modified
- Suitable for demanding applications such as in trucks and heavy equipment

DURABLE, WIDE CABLE TIES



Width	7,6 mm
Length (L)	368 mm
Material	PA - Polyamid
UV-resistance	Yes
Halogen free	Yes
Silicone free	Yes
Colour	Black
Max tensile force	534 N

Min./max. temperature resistance	Art.-Nr.	VE
-40 to 85 °C	0502 992 018	250
-40 to 115 °C	0502 992 019	250

Flexible cable tie

- Offers outstanding tensile strength
- Quicker and easier to install than conventional wide connectors
- Innovative design prevents tip from slipping
- Flexible tape allows one-handed fastening
- Flexible closure requires little force, resulting in higher productivity and better health and safety
- Lower voltage setting required for tools
- Available in weather-resistant and heat stabilised material
- Is ideal for demanding applications such as in trucks, buses and heavy equipment

CABLE TIE WITH MOUNTING EYELET



Angle clamp – weather resistant nylon 6.6

- Weather resistant material is more resistant to ultraviolet radiation – suitable for indoor and outdoor applications
- For attaching a cable bundle on a different surface, e.g. control panel, wall or ceiling
- The design enables bundling to take place either before or after tightening the clamp cable connector
- One-piece design for consistent performance and reliability
- The rounded tip is easy to grip on surfaces and allows for faster initial insertion for reduced installation time
- UV resistant and weather resistant

Material	PA - Polyamid
UV resistance	Yes
Halogen free	Yes
Silicone free	Yes
Colour	Black

Width	Length (L)	Drill hole diameter	Min./max. temperature resistance	Max. tensile force	Art.-Nr.	PU
2,5 mm	109 mm	3,1 mm	-40 to 85 °C	80 N	0502 992 020	1000
2,5 mm	109 mm	3,1 mm	-40 to 115 °C	80 N	0502 992 028	1000
3,4 mm	155 mm	4,4 mm	-40 to 85 °C	178 N	0502 992 021	1000
3,4 mm	155 mm	4,4 mm	-40 to 115 °C	178 N	0502 992 029	1000
4,8 mm	201 mm	3,8 mm	-40 to 85 °C	222 N	0502 992 022	1000
4,8 mm	201 mm	5,1 mm	-40 to 85 °C	222 N	0502 992 023	1000
4,8 mm	201 mm	5,1 mm	-40 to 115 °C	222 N	0502 992 030	1000
4,8 mm	305 mm	5,1 mm	-40 to 85 °C	222 N	0502 992 024	1000
4,8 mm	381 mm	5,1 mm	-40 to 85 °C	222 N	0502 992 025	1000
4,8 mm	381 mm	5,1 mm	-40 to 115 °C	222 N	0502 992 031	1000
7,6 mm	229 mm	6,6 mm	-40 to 85 °C	534 N	0502 992 026	250
7,6 mm	229 mm	6,6 mm	-40 to 115 °C	534 N	0502 992 032	250
7,6 mm	384 mm	6,6 mm	-40 to 85 °C	534 N	0502 992 027	250
7,6 mm	384 mm	6,6 mm	-40 to 115 °C	534 N	0502 992 033	250

DURABLE DOUBLE-CLAMP CABLE TIES



Double-clamp cable ties

- Easy-to-install single-piece design
- Cost-effective way to secure parallel hoses, lines or cables
- A high tensile strength of 667.2 N
- Offers a firm hold even at high load
- Is ideal for demanding applications, such as in trucks and heavy equipment
- UV resistant and weather resistant

Width	12,7 mm
Drill hole diameter	6,3 mm
Material	PA - Polyamid
Min./max. temperature resistance	-40 to 115 °C
UV resistance	Yes
Halogen free	Yes
Silicone free	Yes
Colour	Black
Max. tensile force	667,2 N

Length (L)	Art.-Nr.	PU
332,7 mm	0502 992 034	100
489 mm	0502 992 035	100

DURABLE DOUBLE-LOOP CABLE TIES



Double-loop cable ties

- Guiding hoses and wiring harnesses in the engine compartment
- Areas in which bundles must be mounted parallel to each other or to other elements
- Multiple loops possible
- Prevents damage by distributing the clamping forces
- High tensile strength for securely attaching bundles
- Simple manual installation – use of tools for easy clamping and cutting
- UV resistant and weather resistant

Art.-Nr.	0502 992 036
PU	250
Width	7,6 mm
Length (L)	373 mm
Material	PA - Polyamid
Min./max. temperature resistance	-40 to 85 °C
UV resistance	Yes
Halogen free	Yes
Silicone free	Yes
Colour	Black
Max. tensile force	534 N

Application area

Are you looking for an easier alternative to padded butterfly clamps for attaching hoses and cable harnesses? Then multi-loop cable ties are the perfect solution.

EXTRA-WIDE, TRIPLE-LOOP CABLE TIES



Art.-Nr.	0502 992 037
PU	100
Width	12,7 mm
Length (L)	508 mm
Material	PA - Polyamid
Min./max. temperature resistance	-40 to 85 °C
UV Resistance	Yes
Halogen free	Yes
Silicone free	Yes
Colour	Black
Max. tensile force	556 N

Application area

Are you looking for an easier alternative to padded butterfly clamps for attaching hoses and cable harnesses? Then multi-loop cable ties are the perfect solution.

Triple-loop cable ties

- Guiding hoses and wiring harnesses in the engine compartment
- Areas in which bundles must be mounted parallel to each other or to other elements
- Multiple loops possible
- Prevents damage by distributing the clamping forces
- High tensile strength for securely attaching bundles
- Simple manual installation – use of tools for easy clamping and cutting
- UV resistant and weather resistant

HIGH-PERFORMANCE FASTENING BASE EXTRA-HEAVY CABLE TIE BRACKET



Extra heavy-duty cable tie bracket side

- Extra heavy-duty screw fastenings for cable ties made from impact-modified, weather-resistant nylon 6.6
- Can be used for cable ties from 2.3 mm to 12.7 mm
- Heat-stabilized to 115 °C
- UV-resistant and weather resistant

Suitable for cable ties	2,3 - 12,7 mm
Width (a)	18,8 mm
Length (d)	35,8 mm
Height (h)	15,7 mm
Material	PA - Polyamid
Halogen free	Yes
Silicone free	Yes
Colour	Black

Diameter of hole (c)	Art.-Nr.	PU
5,1 mm	0502 992 038	500
6,6 mm	0502 992 039	500
8,2 mm	0502 992 040	500

HIGH-PERFORMANCE FASTENING BASE FOR WIDE-STRIP CABLE TIES



Cable tie screw fixings

- Unique concave design for maximum stability of the cable bundle
- Guidance and attaching of wide cable ties up to 12.7 mm and with a large diameter
- Black: UV-resistant and weather-resistant

Suitable for cable ties	1,8 - 12,7 mm
Width (a)	18,3 mm
Height (h)	15,5 mm
Halogen free	Yes
Silicone free	Yes
Farbe	Black

Diameter of hole (c)	Length (d)	Material	Art.-Nr.	PU
4,6 mm	41,1 mm	PA - Polyamid	0502 992 044	100
5,1 mm	41,1 mm	PA - Polyamid	0502 992 045	100
5,1 mm	41,9 mm	PP - Polypropylen	0502 992 047	100
6,6 mm	41,1 mm	PA - Polyamid	0502 992 046	100

HOLDER FOR BOLT FIXING



Cable tie base bolt attachment

- Mounting on holders such as screws, blind rivet bolts and welded studs
- Suitable for a variety of common bolt sizes and cable connectors
- Wide range of positioning configurations for flexible use
- Screw holders for faster installation than with metal clips
- Suitable for use under the most difficult conditions thanks to the weather-resistant material polyamide 6.6
- Maintains a distance from the longitudinal frame member to prevent abrasion on the bundle during operation
- Insensitive to vibrations
- Secures bundles with cable connectors – up to four separate bundles per installation
- Remains on the vehicle during maintenance or repair – the bundle is reattached with new cable connectors
- UV-resistant and weather-resistant

Material	PA - Polyamid
Halogen free	Yes
Silicone free	Yes
Colour	Black

Suitable for cable ties	Width (a)	Diameter of hole (c)	Length (d)	Height (h)	Art.-Nr.	PU
2,3 - 7,8 mm	12,2 mm	6 mm	31,8 mm	24,1 mm	0502 992 049	1000
2,3 - 7,8 mm	12,2 mm	8 mm	31,8 mm	24,1 mm	0502 992 050	1000
2,3 - 8,9 mm	24,4 mm	10 mm	50,6 mm	27,9 mm	0502 992 051	500
2,3 - 8,9 mm	24,4 mm	11 mm	50,6 mm	27,9 mm	0502 992 052	500
2,3 - 8,9 mm	24,4 mm	12 mm	50,6 mm	27,9 mm	0502 992 053	500
2,3 - 8,9 mm	24,4 mm	13 mm	50,6 mm	27,9 mm	0502 992 054	500
2,3 - 8,9 mm	24,4 mm	16 mm	50,6 mm	27,9 mm	0502 992 055	500
2,3 - 8,9 mm	24,4 mm	19 mm	50,6 mm	27,9 mm	0502 992 056	500

Application area

- Management of cables and hoses along the longitudinal frame members
- Mounting a bundle under the chassis unit
- Management of cable harnesses in cab, sleeping cabin and trailer
- Making use of unused screw pillars already available in the vehicle
- Maintaining a distance from the frame to avoid abrasion
- Brackets are designed to utilise existing vehicle screw mounts for attaching cable ties to bolts.
- These simple cabling accessories can be installed using a slight tap from a hammer, by screwing on the bracket or with the special installation tool.
- These fixtures can be used for a variety of cable ties.

SWIVEL BRACKETS



Cable holder rotatable

- Both cable brackets are fastened with a connection rivet, which allows both brackets to turn
- Can combine bundles of cables, pipes or hoses that need to be moved or do not run parallel
- Separate bundles to avoid abrasion
- UV-resistant and weather-resistant

Colour	Black
Material	PA - Polyamid

Art.-Nr.	0502 992 057	0502 992 058
PU	100	50
Suitable for cable ties	2,3 - 7,6 mm	2,3 - 12,7 mm
Width	15,75 mm	18,54 mm
Length	22,1 mm	41,7 mm

CABLE SPACERS



Spacer

- Designed for holding and separating hoses and cable bundles
- Can be used with cable ties up to heavy cross-section (12.7 mm)
- UV-resistant and weather-resistant

Art.-Nr.	0502 992 059
PU	1000
Suitable for cable ties	2,3 - 8,9 mm
Width	20 mm
Colour	Colour
Length	39,9 mm
Material	PA - Polyamid

CHASSIS MOUNTING SPACERS



Art.-Nr.	0502 992 060
PU	200
Suitable for cable ties	2,3 - 7,6 mm
Width (a)	25,4 mm
Diameter of hole(c)	12,7 mm
Length (d)	25,4 mm
Height (h)	25,4 mm
Material	PA - Polyamid
Halogen free	Yes
Silicone free	Yes
Colour	Black

Application area

- Maintain a distance from the frame side member when installing the cable tie on the chassis
- Spacers are used with cable ties to allow the bundle to be secured at a distance from the frame to prevent abrasion.

Chassis mounting

- Uses through-bores in frame
- Ensures a distance of 25 mm
- Prevents abrasion during operation of the vehicle
- Provides a secure concave support for bundles
- Easy installation after guiding the cable tie through the opening and around the bundle
- Including centering point, to prevent the holder slipping in the opening or abrasion occurring
- UV-resistant and weather-resistant

CHASSIS TIE



Art.-Nr.	0502 510
PU	250
Width	7,6 mm
Length (L)	375 mm
Min./max. drill hole diameter	11-12 mm
Material	PA - Polyamid
Min./max. temperature resistance	-40 to 105 °C
UV resistance	Yes
Colour	Black

Round head (outer diameter 25 mm) and hole centering (drill 11–12 mm)

- Can be released again if only tied loosely
- Can be closed on both sides as both sides are toothed
- Weather-resistant, suitable for use outdoors and in sunny locations

CABLE TIES, STAINLESS STEEL AISI 304 WITH BALL LOCK



Thickness	0,25 mm
Material	Stainless steel, AISI 304
Surface	Plain
Min./max. temperature resistance	-80 to 538 °C
RoHS-compliant	Yes

Width	Length	Min./max. bundle diameter	Max. tensile force	Art.-Nr.	PU
4,6 mm	201 mm	12,7-51 mm	890 N	0820 6 52	100
4,6 mm	362 mm	12,7-102 mm	890 N	0820 6 103	100
7,9 mm	201 mm	12,7-51 mm	2000 N	0820 6 51	100
7,9 mm	362 mm	12,7-102 mm	2000 N	0820 6 102	100

Application area

- Shipping industry
- Mining
- Chemical-technical industry
- Electronics and building installation
- Vehicle construction
- Vehicle workshops
- Maintenance workshops

Can be used anywhere where plastics cannot be used, e.g. under high ambient temperatures or strong chemical influences

For quick, problem-free and reliable bundling of cables, cable harnesses and hoses etc.

Extremely robust material (100% stainless steel)

- Non-rusting
- Heat-resistant
- UV resistant
- Resistant to various chemicals

No abrasion of the cable insulation

Secure latch button without toothing

Suitable for use at extreme temperatures and in aggressive environments

Highly resistant to corrosion and weathering

CABLE TIE TIGHTENING PLIERS ERGONOMIC



Ergonomic hand tools for cable tie installation

Versions

- GTS-E: 0502715000
- GTH-E: 0502715002

Main characteristics and benefits

- Improved cable connector cutting mechanism, reduces impact on installer's hand by 40%, which is the lowest in the industry
- Less force is required at the handle to cut the cable connector – 15% less than with comparable tools
- Lightweight and ergonomic design minimizes fatigue

Material	Epoxy resin
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Art.-Nr.	0502 715 000	0502 715 002
PU	1	1
Suitable for cable ties	1,8 - 4,8 mm	4,8 - 8,9 mm
Length	198,63 mm	198,12 mm
Min./max. tensile force	24,5-151,2 N	44,5-302,5 N
Colour	Grey, Black	Grey, Red

Complementary products	Art.-Nr.
Replacement knife for 0502715000	0502 715 004
Replacement knife for 0502715002	0502 715 005
Lock for cable tie tightening pliers	0502 715 003

CABLE TIE TIGHTENING PLIERS, METAL ERGONOMIC



Ergonomic hand tools for cable tie installation, ALU

Versions

- GS2B-E: 0502715012
- GS4H-E: 0502715013
- GS4EH-E: 0502715006

Main characteristics and benefits

- Improved cable connector cutting mechanism, reduces impact on installer's hand by 40%, which is the lowest in the industry
- Less force is required at the handle to cut the cable connector – 15% less than with comparable tools
- Robust powder-coated aluminium housing for harsh environmental conditions

Material	Aluminium
Surface	Powder coated

Art.-Nr.	0502 715 012	0502 715 013	0502 715 006
PU	1	1	1
Suitable for cable ties	1,8 - 4,8 mm	4,8 - 8,9 mm	7,6 - 13 mm
Length	198,63 mm	198,12 mm	198,12 mm
Min./max. tensile force	26,7-164,6 N	44,5-331,4 N	93,4-629,4 N
Colour	Grey, Black	Grey, Red	Grey, Blue

Complementary products	Art.-Nr.
Replacement knife for 0502715012	0502 715 004
Replacement knife for 0502715013	0502 715 005
Replacement knife for 0502715006	0502 715 007

CABLE TIE TIGHTENING PLIERS, PNEUMATIC ERGONOMIC



Ergonomic pneumatic hand tools for cable tie installation

Versions

- PTS: 0502715008
- PTH: 0502715009

Main characteristics and benefits

- Lightweight and ergonomic design minimises fatigue
- Tension is easy to adjust
- Operation with non-lubricated air
- Maintenance-free

Material	Epoxy resin
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Art.-Nr.	0502 715 008	0502 715 009
PU	1	1
Suitable for cable ties	1,8 - 4,8 mm	4,8 - 9 mm
Length	239,2 mm	284 mm
Min./max. tensile force	24,9-151,3 N	62,3-289,2 N
Colour	Grey, Black	Grey, Red

Complementary products	Art.-Nr.
Replacement knife for 0502715008	0502 715 004
Replacement knife for 0502715009	0502 715 005

Notice

Recommended air pressure 5.2 bar with a reduction of max. 0.7 bar; max. 6.2 bar.

CABLE TIE TIGHTENING PLIERS, PNEUMATIC EXTRA-WIDE



Extra-heavy pneumatic hand tool for cable tie installation

Versions

- PPTEH: 0502715010

Main features and benefits

- Robust metal construction
- Operation with unlubricated air
- Maintenance free

Art.-Nr.	0502 715 010
PU	1
Suitable for cable ties	7,6 - 13 mm
Length	294,6 mm
Min./max. tensile force	109-600,6 N
Material	Metal
Surface	Powder coated
Colour	Grey, Blue

Complementary products	Art.-Nr.
Spare knife	0502 715 011

Note

Recommended air pressure 5.9 bar with a drop of max. 0.7 bar; Max. 6.2 bar.

CABLE TIE TIGHTENING PLIERS, METAL, FOR STAINLESS STEEL CABLE TIES ERGONOMIC



Ergonomic installation hand tools ALU for stainless steel cable ties

Model

- GS4MT-E: 0502715015

• **Main characteristics and benefits:**

- Improved cable connector cutting mechanism, reduces impact on installer's hand by 40% which is the . lowest in the industry
- Less force is required at the handle to cut the cable connector - 15% less than with comparable tools
- Robust powder-coated aluminium housing for harsh environmental conditions

Art.-Nr.	0502 715 015
PU	1
Suitable for cable ties	4,3 - 7,9 mm
Length	198,12 mm
Min./max. tensile force	26,7-164,6 N
Material	Aluminium
Surface	Powder-coated
Colour	Grey, Black

CABLE TIE TIGHTENING PLIERS, METAL, FOR STAINLESS STEEL CABLE TIE



Art.-Nr.	0502 715 014
PU	1
Suitable for cable ties	3 - 7,9 mm
Length	175 mm
Min./max. tensile force	309-637 N
Material	Aluminium
Surface	Powder-coated
Colour	Grey, Black

Installation hand tool for stainless steel ties

- For max. cable connector width 7.9 mm
- Tightening and cutting in one operation
- Handy application tool for stainless steel cable ties
- The binding force can be adjusted incrementally for ease of use
- The cable connector is automatically severed at the head when the set tension is reached
- Sharp edges are avoided
- The end of the tie that has been cut off is contained in the carrier

LOCK FOR CABLE TIE TIGHTENING PLIERS



Art.-Nr.	0502 715 003
PU	1
Material	PA - Polyamid
Colour	Black

For cable tie tightening pliers GTS-E and GTH-E

The tension lock limits the tension to the desired setting, eliminating operational errors and ensuring consistent results.

REPLACEMENT BLADE



Material	Stainless steel A4
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Art.-Nr.	PU
0502 715 004	1
0502 715 005	1
0502 715 007	1
0502 715 011	1

For cable tie tightening pliers

The replacement blade kit enables blades to be replaced quickly and easily. Replacement blades can either be part of a defined maintenance plan or be used as needed when the cuts are no longer clean and exact.

- 0502715004 for cable tie tightening pliers GTS-E/GS2B-E/PTS
- 0502715005 for cable tie tightening pliers GTH-E/GS4H-E/PTH
- 0502715007 for cable tie tightening pliers GS4EH-E
- 0502715011 for cable tie tightening pliers PPTEH
- 0502715016 for cable tie tightening pliers GS4MT-E

HEAVY DUTY CABEL MANAGEMENT

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