



Sparky Warehouse Marine

PRODUCT  
CATALOGUE

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# A05 RING TERMINAL TPE INSULATED

## DESCRIPTION

Sparky warehouse Insulated Ring Terminals are designed for our flexible cables. A thin wall copper sleeve secures our fine stranded conductor, and ensures a consistent, reliable crimping termination.

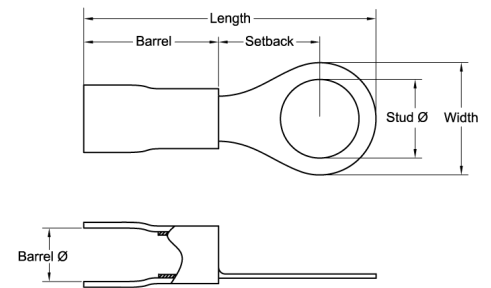
## SPECIFICATION

INSULATION	TPE
MATERIAL	Barrel - High Conductivity Annealed copper (99.9% purity). Electrolytic tin-plated
OPERATING TEMPERATURE	-40°C to 130°C; -40°F to 266°F
STANDARDS	AS/NZS 61210, AS/NZS 4437, IEC 61210, IEC 60352-2, IEC 60512 AS/NZS 61210, AS/NZS 4437, IEC 61210, IEC 60352-2, IEC 60512

## NOTES

· Sparky warehouse is not liable for any errors, omissions, etc., and reserves the right to modify the specifications at any time.

· All information above is intended for use only as a guide.



## ADVANTAGES

- Significantly more robust and reliable than cold pressed.
- Faster and easier assembly.
- No loose wires.
- Makes installation efficient and reliable.
- Highest level of environmental safety and Greenstar compliance.

## INSPECTION & TESTING

- Visual Inspection
- Conductor and cable fit
- Thermal heat ageing test of insulation
- Current loading test to AS/NZS4437 and IEC60512
- Voltage proof to AS/NZS 4437 and IEC 60512
- Mechanical pulling test to AS/NZS 4437 and IEC 60512

# A05 RING TERMINAL TPE INSULATED

## PRODUCT LIST

Product_Code	Min (mm <sup>2</sup> )	Max (mm <sup>2</sup> )	Terminals (/bag)	Stud Ø (mm)	Barrel Ø (mm)	Length (mm)	Barrel (mm)	Width (mm)
A05-AMXX/3H1.5RE	0.5	1.5	100	3.2	4.2	17.8	10	5.7
A05-AMXM/3.5H1.5RE	0.5	1.5	100	3.7	4.2	19.6	10	6.6
A05-AMXS/4H1.5RE	0.5	1.5	100	4.3	4.2	19.6	10	6.6
A05-AMXL/4H1.5RE	0.5	1.5	100	4.3	4.2	21	10	8
A05-AMXS/5H1.5RE	0.5	1.5	100	5.3	4.2	21	10	8
A05-AMXX/6H1.5RE	0.5	1.5	100	6.5	4.2	27	10	11.6
A05-AMXX/8H1.5RE	0.5	1.5	100	8.5	4.2	27	10	11.6
A05-AMXX/10H1.5RE	0.5	1.5	100	10.5	4.2	30.7	10	13.6
A05-AMXX/3H2.5BL	1.5	2.5	100	3.2	4.7	19.7	10	6.6
A05-AMXS/3.5H2.5BL	1.5	2.5	100	3.7	4.7	19.7	10	6.6
A05-AMXL/3.5H2.5BL	1.5	2.5	100	3.7	4.7	22	10	8.5
A05-AMXS/4H2.5BL	1.5	2.5	100	4.3	4.7	21.2	10	6.6
A05-AMXL/4H2.5BL	1.5	2.5	100	4.3	4.7	22	10	8.5
A05-AMXL/5H2.5BL	1.5	2.5	100	5.3	4.7	22.3	10	9.5
A05-AMXX/6H2.5BL	1.5	2.5	100	6.5	4.7	27	10	12
A05-AMXX/8H2.5BL	1.5	2.5	100	8.5	4.7	27	10	12
A05-AMXX/10H2.5BL	1.5	2.5	100	10.5	4.7	30.7	10	13.6
A05-AMXX/12H2.5BL	1.5	2.5	100	13	4.7	35.6	10	19.2
A05-AMXX/3H6YE	4	6	100	3.7	6.5	22.5	13	9.5
A05-AMXL/4H6YE	4	6	100	4.3	6.5	26.6	13	9.5
A05-AMXX/5H6YE	4	6	100	5.3	6.5	26.6	13	9.5
A05-AMXX/6H6YE	4	6	100	6.5	6.5	29.5	13	12
A05-AMXX/8H6YE	4	6	100	8.5	6.5	34	13	15
A05-AMXX/10H6YE	4	6	100	10.5	6.5	34	13	15
A05-AMXX/12H6YE	4	6	100	13	6.5	38.6	13	19.2

## NOTES

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# A06 RING TERMINAL TPE UNINSULATED

## DESCRIPTION

Sparky warehouse Uninsulated Ring Terminals are designed for our flexible cables. A thin wall copper sleeve secures our fine stranded conductor, and ensures a consistent, reliable crimping termination.

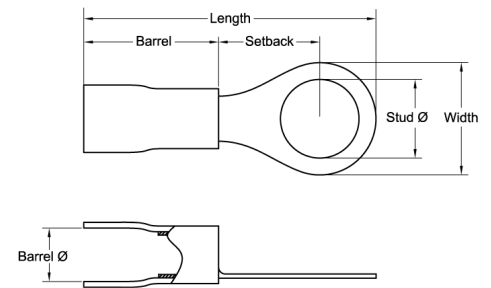
## SPECIFICATION

MATERIAL	Barrel - High Conductivity Annealed copper (99.9% purity). Electrolytic tin-plated
OPERATING TEMPERATURE	-40°C to 130°C; -40°F to 266°F
STANDARDS	AS/NZS 61210, AS/NZS 4437, IEC 61210, IEC 60352-2, IEC 60512AS/NZS 61210, AS/NZS 4437, IEC 61210, IEC 60352-2, IEC 60512

## NOTES

· Sparky is not liable for any errors, omissions, etc., and reserves the right to modify the specifications at any time.

· All information above is intended for use only as a guide.



## ADVANTAGES

- Laser cut barrel ensures a consistent, smooth edge - faster and easier assembly.
- Insulation always retains integrity during crimping - no loose wires.

## INSPECTION & TESTING

- Visual Inspection
- Physical measurement
- Conductor fit
- Mechanical pulling test to AS/NZS 4437 and IEC 60512

# A06 RING TERMINAL TPE UNINSULATED

## PRODUCT LIST

Product_Code	Min (mm <sup>2</sup> )	Max (mm <sup>2</sup> )	Terminals (/bag)	Stud Ø (mm)	Barrel Ø (mm)	Length (mm)	Barrel (mm)	Width (mm)
A06-AMXX/3.2H1.5	0.5	1.5	100	3.2	1.7	12.6	4.8	5.7
A06-AMXX/3.7H1.5	0.5	1.5	100	3.7	1.7	15.5	4.8	8
A06-AMXL/4.3H1.5	0.5	1.5	100	4.3	1.7	15.8	4.8	8
A06-AMXL/5.3H1.5	0.5	1.5	100	5.3	1.7	17.5	4.8	9.5
A06-AMXX/6.5H1.5	0.5	1.5	100	6.5	1.7	22	4.8	11.5
A06-AMXX/8.4H1.5	0.5	1.5	100	8.4	1.7	22	4.8	11.6
A06-AMXX/10.5H1.5	0.5	1.5	100	10.5	1.7	25.5	4.8	13.6
A06-AMXX/13H1.5	0.5	1.5	100	13	1.7	30.4	4.8	19.2
A06-AMXX/3.2H2.5	1.5	2.5	100	3.2	2.3	12.3	4.8	6.6
A06-AMXL/3.7H2.5	1.5	2.5	100	3.7	2.3	16.8	4.8	8.5
A06-AMXL/4.3H2.5	1.5	2.5	100	4.3	2.3	16.8	4.8	8.5
A06-AMXX/5.3H2.5	1.5	2.5	100	5.3	2.3	17.1	4.8	9.5
A06-AMXL/5.3H2.5	1.5	2.5	100	5.3	4.8	17.1	4.8	9.5
A06-AMXX/6.5H2.5	1.5	2.5	100	6.5	2.3	21.8	4.8	12
A06-AMXX/8.4H2.5	1.5	2.5	100	8.4	2.3	21.8	4.8	12
A06-AMXX/10.5H2.5	1.5	2.5	100	10.5	2.3	25.5	4.8	13.6
A06-AMXX/13H2.5	1.5	2.5	100	13	2.3	30.4	4.8	19
A06-AMXX/3.7H4	4	6	100	3.7	3.4	15.7	6.8	7.2
A06-AMXL/4.3H4	4	6	100	4.3	3.4	19.8	6.8	9.5
A06-AMXX/5.3H4	4	6	100	5.3	3.4	19.8	6.8	9.5
A06-AMXX/6.5H4	4	6	100	6.5	3.4	23	6.8	12
A06-AMXX/8.4H4	4	6	100	8.4	3.4	28	6.8	15
A06-AMXX/10.5H4	4	6	100	10.5	3.4	28	6.8	15
A06-AMXX/13H4	4	6	100	13	3.4	32.4	6.8	19.2

## NOTES

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# A07 FORK TERMINAL TPE INSULATED

## DESCRIPTION

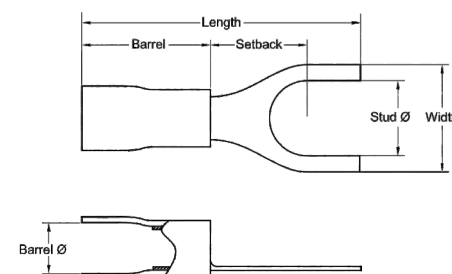
Sparky warehouse Insulated Fork Terminals are designed for our flexible cables. A thin wall copper sleeve secures our fine stranded conductor, and ensures a consistent, reliable crimping termination.

## SPECIFICATION

INSULATION	TPE
MATERIAL	Barrel - High Conductivity Annealed copper (99.9% purity). Electrolytic tin-plated
OPERATING TEMPERATURE	-40°C to 130°C; -40°F to 266°F
STANDARDS	AS/NZS 61210, AS/NZS 4437, IEC 61210, IEC 60352-2, IEC 60512AS/NZS 61210, AS/NZS 4437, IEC 61210, IEC 60352-2, IEC 60512

## NOTES

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## ADVANTAGES

- Injection moulded directly onto a seamless copper barrel - significantly more robust and reliable than cold pressed.
- Laser cut barrel ensures a consistent, smooth edge - faster and easier assembly.
- Insulation always retains integrity during crimping - no loose wires.
- A moulded taper guides the fine stranded conductor - makes installation efficient and reliable.
- Low Smoke Zero Halogen - highest level of environmental safety and Greenstar compliance.
- Presents a unified LSZH solution, when matched with TriCab flexible switchboard/panel wires.

## INSPECTION & TESTING

- Visual Inspection
- Physical measurement
- Conductor and cable fit
- Thermal heat ageing test of insulation
- Current loading test to AS/NZS4437 and IEC60512
- Voltage proof to AS/NZS 4437 and IEC 60512
- Mechanical pulling test to AS/NZS 4437 and IEC 60512
- Insulating grip effectiveness to AS/NZS 4437 and IEC 60512

# A07 FORK TERMINAL TPE INSULATED

## PRODUCT LIST

Product_Code	Min (mm <sup>2</sup> )	Max (mm <sup>2</sup> )	Terminals (/bag)	Stud Ø (mm)	Barrel Ø (mm)	Length (mm)	Barrel (mm)	Width (mm)
A06-AMXX/3.2H1.5	0.5	1.5	100	3.2	1.7	12.6	4.8	5.7
A06-AMXX/3.7H1.5	0.5	1.5	100	3.7	1.7	15.5	4.8	8
A06-AMXL/4.3H1.5	0.5	1.5	100	4.3	1.7	15.8	4.8	8
A06-AMXL/5.3H1.5	0.5	1.5	100	5.3	1.7	17.5	4.8	9.5
A06-AMXX/6.5H1.5	0.5	1.5	100	6.5	1.7	22	4.8	11.5
A06-AMXX/8.4H1.5	0.5	1.5	100	8.4	1.7	22	4.8	11.6
A06-AMXX/10.5H1.5	0.5	1.5	100	10.5	1.7	25.5	4.8	13.6
A06-AMXX/13H1.5	0.5	1.5	100	13	1.7	30.4	4.8	19.2
A06-AMXX/3.2H2.5	1.5	2.5	100	3.2	2.3	12.3	4.8	6.6
A06-AMXL/3.7H2.5	1.5	2.5	100	3.7	2.3	16.8	4.8	8.5
A06-AMXL/4.3H2.5	1.5	2.5	100	4.3	2.3	16.8	4.8	8.5
A06-AMXX/5.3H2.5	1.5	2.5	100	5.3	2.3	17.1	4.8	9.5
A06-AMXL/5.3H2.5	1.5	2.5	100	5.3	4.8	17.1	4.8	9.5
A06-AMXX/6.5H2.5	1.5	2.5	100	6.5	2.3	21.8	4.8	12
A06-AMXX/8.4H2.5	1.5	2.5	100	8.4	2.3	21.8	4.8	12
A06-AMXX/10.5H2.5	1.5	2.5	100	10.5	2.3	25.5	4.8	13.6
A06-AMXX/13H2.5	1.5	2.5	100	13	2.3	30.4	4.8	19
A06-AMXX/3.7H4	4	6	100	3.7	3.4	15.7	6.8	7.2
A06-AMXL/4.3H4	4	6	100	4.3	3.4	19.8	6.8	9.5
A06-AMXX/5.3H4	4	6	100	5.3	3.4	19.8	6.8	9.5
A06-AMXX/6.5H4	4	6	100	6.5	3.4	23	6.8	12
A06-AMXX/8.4H4	4	6	100	8.4	3.4	28	6.8	15
A06-AMXX/10.5H4	4	6	100	10.5	3.4	28	6.8	15
A06-AMXX/13H4	4	6	100	13	3.4	32.4	6.8	19.2

## NOTES

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# A08 FORK TERMINAL UNINSULATED

## DESCRIPTION

Sparky warehouse Uninsulated Fork Terminals are designed for our flexible cables. A thin wall copper sleeve secures our fine stranded conductor, and ensures a consistent, reliable crimping termination.

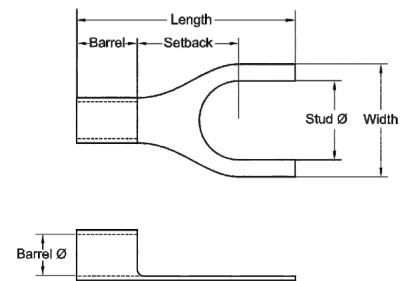
## SPECIFICATION

INSULATION	TPE
MATERIAL	Barrel - High Conductivity Annealed copper (99.9% purity). Electrolytic tin-plated
OPERATING TEMPERATURE	-40°C to 130°C; -40°F to 266°F
VOLTAGE RATING	600V
STANDARDS	AS/NZS 61210, AS/NZS 4437, IEC 61210, IEC 60352-2, IEC 60512

## NOTES

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## ADVANTAGES

- Laser cut barrel ensures a consistent, smooth edge - faster and easier assembly.
- Insulation always retains integrity during crimping - no loose wires.

## INSPECTION & TESTING

- Visual Inspection
- Physical measurement
- Conductor and cable fit
- Thermal heat ageing test of insulation
- Current loading test to AS/NZS4437 and IEC60512
- Voltage proof to AS/NZS 4437 and IEC 60512
- Mechanical pulling test to AS/NZS 4437 and IEC 60512
- Insulating grip effectiveness to AS/NZS 4437 and IEC 60512

# A08 FORK TERMINAL UNINSULATED

## PRODUCT LIST

Product Code	Min <i>mm<sup>2</sup></i>	Max <i>mm<sup>2</sup></i>	StudØ mm	Length mm	Width mm	Barrel mm	Setback mm	BarrelØ mm	Pack Units	
A08-AMXX/3.2H1.5	0.5	1.5	3.2	16	5.7	4.8	3.4	1.7	100	
A08-AMXX/3.7H1.5			3.7		6.4				100	
A08-AMXS/3.7H1.5			3.7		5.7				100	
A08-AMXS/4.3H1.5			4.3		6.4				100	
A08-AMXM/4.3H1.5			4.3		7.2				100	
A08-AMXL/4.3H1.5			4.3		8.1				100	
A08-AMXS/5.3H1.5			5.3		9.5				100	
A08-AMXS/5.3H1.5			5.3		8.1				100	
A08-AMXL/6.5H1.5			6.5		12				100	
A08-AMXS/6.5H1.5			6.5		9.5				100	
A08-AMXX/8.4H1.5			8.4		12.5				14	100
A08-AMXX/3.2H2.5			1.5		2.5				3.2	16
A08-AMXL/3.7H2.5	3.7	6.4		100						
A08-AMXS/3.7H2.5	3.7	5.7		100						
A08-AMXS/4.3H2.5	4.3	6.4		100						
A08-AMXL/4.3H2.5	4.3	8.1		100						
A08-AMXM/4.3H2.5	4.3	7.2		100						
A08-AMXL/5.3H2.5	5.3	9.5		100						
A08-AMXS/5.3H2.5	5.3	8.1		100						
A08-AMXS/6.5H2.5	6.5	9.5		100						
A08-AMXL/6.5H2.5	6.5	22		12		100				
A08-AMXX/8.4H2.5	8.4	23.5		14		100				
A08-AMXS/3.7H4	4	6		3.7		19.5	8.3	6.8	5.6	
A08-AMXS/4.3H4			4.3	8.3	100					
A08-AMXL/4.3H4			4.3	9	100					
A08-AMXX/5.3H4			5.3	9	100					
A08-AMXS/6.5H4			6.5	9	100					
A08-AMXL/6.5H4			6.5	25.5	12	100				
A08-AMXX/8.4H4			8.4	24.5	14	100				

## NOTES

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# A09 PIN TERMINAL TPE INSULATED

## DESCRIPTION

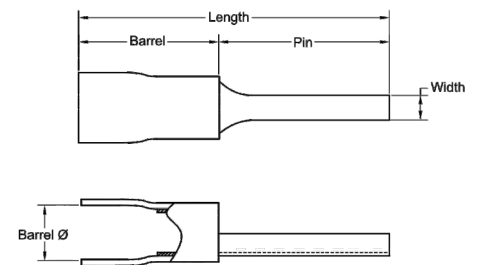
Sparky warehouse Insulated Pin Terminals are designed for our flexible cables. A thin wall copper sleeve secures our fine stranded conductor, and ensures a consistent, reliable crimping termination.

## SPECIFICATION

INSULATION	TPE
MATERIAL	High Conductivity Annealed copper (99.9% purity). Electrolytic tin-plated.
OPERATING TEMPERATURE	-40°C to 130°C; -40°F to 266°F
VOLTAGE RATING	600V
STANDARDS	AS/NZS 61210, AS/NZS 4437, IEC 61210, IEC 60352-2, IEC 60512

## NOTES

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- All information above is intended for use only as a guide.



## ADVANTAGES

- Injection moulded directly onto a seamless copper barrel - significantly more robust and reliable than cold pressed.
- Laser cut barrel ensures a consistent, smooth edge - faster and easier assembly.
- Insulation always retains integrity during crimping - no loose wires.
- A moulded taper guides the fine stranded conductor - makes installation efficient and reliable.
- Low Smoke Zero Halogen - highest level of environmental safety and Greenstar compliance.
- Presents a unified LSZH solution, when matched with TriCab flexible switchboard/panel wires.

## INSPECTION & TESTING

- Visual Inspection
- Physical measurement
- Conductor and cable fit
- Thermal heat ageing test of insulation
- Current loading test to AS/NZS4437 and IEC60512
- Voltage proof to AS/NZS 4437 and IEC 60512
- Mechanical pulling test to AS/NZS 4437 and IEC 60512
- Insulating grip effectiveness to AS/NZS 4437 and IEC 60512

# A09 PIN TERMINAL TPE INSULATED

## PRODUCT LIST

product_code	Min (mm <sup>2</sup> )	Max (mm <sup>2</sup> )	Terminals (/bag)	Pin (mm)	Length (mm)	Barrel (mm)	BarrelØ (mm)	Width (mm)
A09-AMXX/12B1.5RE	0.5	1.5	100	12	22.4	10.4	10	4
A09-AMXX/12B2.5BL	1.5	2.5	100	12	22.4	10.4	10	4.6
A09-AMXX/14B6YE	4	6	100	14	27.5	13.5	13	6.6
A09-AKXX/12B16BK	-	16	50	14	27	10	13	6.5
A09-AKXX/13B25BK	-	25	50	14	27	10	13	6.5
A09-AKXX/19B35BK	-	35	50	14	27	10	13	6.5

## NOTES

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# A11 BLADE TERMINAL TPE INSULATED

## DESCRIPTION

Sparky warehouse Insulated Blade Terminals are designed for our flexible cables. A thin wall copper sleeve secures our fine stranded conductor, and ensures a consistent, reliable crimping termination.

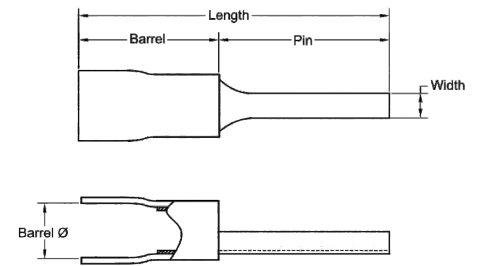
## SPECIFICATION

INSULATION	TPE
MATERIAL	High Conductivity Annealed copper (99.9% purity). Electrolytic tin-plated.
OPERATING TEMPERATURE	-40°C to 130°C; -40°F to 266°F
VOLTAGE RATING	600V
STANDARDS	AS/NZS 61210, AS/NZS 4437, IEC 61210, IEC 60352-2, IEC 60512

## NOTES

· Sparky ware is not liable for any errors, omissions, etc., and reserves the right to modify the specifications at any time.

· All information above is intended for use only as a guide.



## ADVANTAGES

- Injection moulded directly onto a seamless copper barrel - significantly more robust and reliable than cold pressed.
- Laser cut barrel ensures a consistent, smooth edge - faster and easier assembly.
- Insulation always retains integrity during crimping - no loose wires.
- A moulded taper guides the fine stranded conductor - makes installation efficient and reliable.
- Low Smoke Zero Halogen - highest level of environmental safety and Greenstar compliance.
- Presents a unified LSZH solution, when matched with TriCab flexible switchboard/panel wires.

## INSPECTION & TESTING

- Visual Inspection
- Physical measurement
- Conductor and cable fit
- Thermal heat ageing test of insulation
- Current loading test to AS/NZS4437 and IEC60512
- Voltage proof to AS/NZS 4437 and IEC 60512
- Mechanical pulling test to AS/NZS 4437 and IEC 60512
- Insulating grip effectiveness to AS/NZS 4437 and IEC 60512

# A11 BLADE TERMINAL TPE INSULATED

## PRODUCT LIST

product_code	min_cable	max_cable	quantity	Blade(mm)	Length (mm)	Barrel (mm)	Width (mm)
A11-AMXX/10B1.5RE	0.5	1.5	100	10	20.4	2.3	4
A11-AMXX/14B1.5RE	0.5	1.5	100	14	24.9	3	4
A11-AMXX/18B1.5RE	0.5	1.5	100	18	28.4	2.3	4
A11-AMXX/10B2.5BL	1.5	2.5	100	10	20.4	3	4.6
A11-AMXX/14B2.5BL	1.5	2.5	100	14	24.4	3	4.6
A11-AMXX/18B2.5BL	1.5	2.5	100	18	28.4	3	4.6
A11-AMXX/10B6YE	4	6	100	10	23.5	3	6.6
A11-AMXX/14B6YE	4	6	100	14	27.5	3	6.6
A11-AMXX/18B6YE	4	6	100	18	31.5	3	6.6

## NOTES

- Sparky warehouse is not liable for any errors, omissions, etc., and reserves the right to modify the specifications at any time.
- All information above is intended for use only as a guide.

# A25 DOUBLE GRIP RING TERMINAL TPE INSULATED

## DESCRIPTION

Sparky warehouse Double Grip terminals are designed for our flexible cables. Two copper sleeves secure our fine stranded conductor and ensure a consistent, reliable crimping termination.

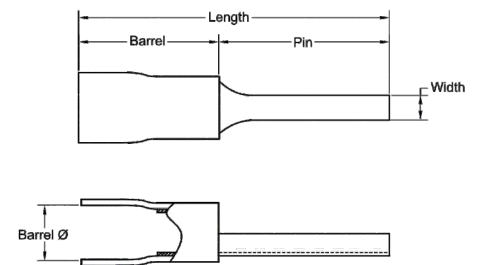
## SPECIFICATION

INSULATION	Thermoplastic Elastomer
MATERIAL	Barrel - High Conductivity copper (99.9% purity). Electrolytic tin-plated.
OPERATING TEMPERATURE	-40°C to 130°C; -40°F to 266°F
VOLTAGE RATING	600V
STANDARDS	AS/NZS 61210, AS/NZS 4437, IEC 61210, IEC 60352-2, IEC 60512

## NOTES

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· All information above is intended for use only as a guide.



## ADVANTAGES

- Double grip crimp - more secure connection
- Injection moulded directly onto a seamless copper barrel - significantly more robust and reliable than cold pressed.
- Laser cut barrel - consistent smooth edge, faster, easier assembly.
- Thermal heat ageing for insulation
- A moulded taper guides the fine stranded conductor - makes installation efficient and reliable.

## INSPECTION & TESTING

- Visual Inspection
- Physical measurement
- Conductor and cable fit
- Thermal heat ageing test of insulation
- Current loading test to AS/NZS4437 and IEC60512
- Voltage proof to AS/NZS 4437 and IEC 60512
- Mechanical pulling test to AS/NZS 4437 and IEC 60512
- Insulating grip effectiveness to AS/NZS 4437 and IEC 60512

# A25 DOUBLE GRIP RING TERMINAL TPE INSULATED

## PRODUCT LIST

Product Code	Conductor Range	Blade	Width	Thickness	Barrel	Length	Terminals
	mm <sup>2</sup>	mm	mm	mm	mm	mm	/bag
A21-AMXX/13B1.5RE	0.5 - 1.5	13	3	0.8	10.4	24	100
A21-AMXX/18B1.5RE	0.5 - 1.5	18	2.3	0.8	10.4	28.4	100
A21-AMXX/18B2.5BL	1.5 - 2.5	18	2.3	0.8	10.4	28.4	100
A21-AMXX/18B6YE	4 - 6	18	2.3	1	13.5	31.5	100

## NOTES

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# A27 DOUBLE GRIP FORK TERMINAL

## DESCRIPTION

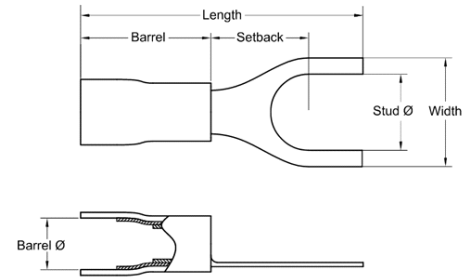
Sparky warehouse Double Grip Fork Terminals are designed for our flexible cables. Double layers of copper sleeve secure our fine stranded conductor, and ensure a consistent, reliable crimping termination.

## SPECIFICATION

MATERIAL	Insulation - Thermoplastic Elastomer Barrel - High Conductivity copper (99.9% purity). Electrolytic tin-plated.
OPERATING TEMPERATURE	-40°C to +130°C -40°F to +266°F
STANDARDS	AS/NZS 61210, AS/NZS 4437, IEC 61210, IEC 60352-2, IEC 60512
VOLTAGE RATING	600V

## NOTES

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- All information above is intended for use only as a guide.



## ADVANTAGES

- Double grip crimp - more secure connection
- Injection moulded directly onto a seamless copper barrel - significantly more robust and reliable than cold pressed.
- Laser cut barrel - consistent smooth edge, faster, easier assembly.
- Thermal heat ageing for insulation.
- A moulded taper guides the fine stranded conductor - makes installation efficient and reliable.

## INSPECTION & TESTING

- Visual Inspection
- Physical measurement
- Conductor and cable fit
- Thermal heat ageing test of insulation
- Current loading test to AS/NZS4437 and IEC60512
- Voltage proof to AS/NZS 4437 and IEC 60512
- Mechanical pulling test to AS/NZS 4437 and IEC 60512
- Insulating grip effectiveness to AS/NZS 4437 and IEC 60512

# A27 DOUBLE GRIP FORK TERMINAL

## PRODUCT LIST

Product Code	Conductor Range	Stud Ø	Width	Setback	Barrel	Length	Terminals
	mm <sup>2</sup>	mm	mm	mm	mm	mm	/bag
A27-AMXX/3H1.5RE	0.5 – 1.5	3.2	5.7	8.6	10.4	21.8	100
A27-AMXL/3.5H1.5RE	0.5 – 1.5	3.7	5.7	8.6	10.4	21.8	100
A27-AMXM/4H1.5RE	0.5 – 1.5	4.3	6.4	8.2	10.4	21.8	100
A27-AMXL/5H1.5RE	0.5 – 1.5	5.3	8	7.4	10.4	21.8	100
A27-AMXL/6H1.5RE	0.5 – 1.5	6.7	10.7	7.1	10.4	22.8	100
A27-AMXX/3H2.5BL	1.5 – 2.5	3.2	5.7	8.6	10.4	21.8	100
A27-AMXS/3.5H2.5BL	1.5 – 2.5	3.7	5.7	8.6	10.4	21.8	100
A27-AMXM/4H2.5BL	1.5 – 2.5	4.3	6.4	8.2	10.4	21.8	100
A27-AMXL/5H2.5BL	1.5 – 2.5	5.3	8	7.4	10.4	21.8	100
A27-AMXL/6H2.5BL	1.5 – 2.5	6.7	10.7	9.1	10.4	24.8	100
A27-AMXX/3.5H6YE	4 – 6	3.7	8.2	8.8	13.6	26.5	100
A27-AMXL/4H6YE	4 – 6	4.3	8.2	8.8	13.6	26.5	100
A27-AMXX/5H6YE	4 – 6	5.3	9	8.4	13.6	26.5	100
A27-AMXS/6H6YE	4 – 6	6.4	12	11.6	13.6	31.2	100

## NOTES

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- All information above is intended for use only as a guide.

# D01 BRASS NICKEL PLATED CABLE GLAND

## DESCRIPTION

Sparky warehouse Brass Glands are precision engineered from Nickel Plated Brass, and suitable for weather proof enclosures and harsh environments.

### Typical applications include:

- Marine/Offshore
- Food/Beverage
- Pharmaceuticals

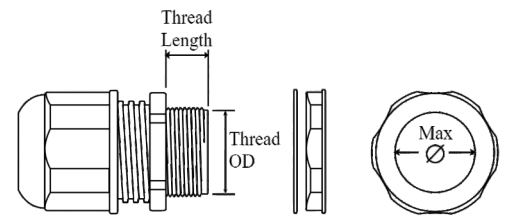
## SPECIFICATION

MATERIAL	Nickel Plated Brass body, Nylon PA66 claw, Nitrile Butadiene Rubber (NBR) seal and O-ring
OPERATING TEMPERATURE	-40°C to 110°C 1; -40°F to 230°F
STANDARDS	AS/NZS 60529, IEC 60529, EN 60529

## NOTES

• Sparky is not liable for any errors, omissions, etc., and reserves the right to modify the specifications at any time.

• All information above is intended for use only as a guide.



## ADVANTAGES

- High strength construction - protection against stretching, vibration, twisting and shaking.
- Provides IP68 protection against dust, liquid, salt, weak acid, alcohol, grease and general solvents.
- Proven reliability in harsh environmental conditions.
- 15 bar Maximum strain relief through clamping range. Trapezoid thread with high torque guarantee.
- No disassembly required for installation.
- Supplied with lock nut and seal.

## INSPECTION & TESTING

- Visual Inspection
- Physical measurement
- Cable fitting test
- IP68 type test to AS/NZS 60529 and IEC 60529

# D01 BRASS NICKEL PLATED CABLE GLAND

## PRODUCT LIST

product_code	min_cable	max_cable	quantity	d1	d2
D01-AHXX/10F6	3	6	20	10	6
D01-AHXX/12F6	3	6	20	12	6.3
D01-AHXX/12F8	4	8	20	12	8
D01-AGXX/16F10	5	10	10	16	7.9
D01-AGXX/16F8	4	8	10	16	7
D01-AGXX/20F12	6	12	10	20	7.5
D01-AGXX/20F14	10	14	10	20	7.8
D01-AGXX/25F18	14	18	10	25	8.8
D01-AGXX/32F25	18	25	10	32	10.3
D01-AGXX/40F32	25	32	10	40	11.1
D01-AGXX/48F33	25	33	10	48	10
D01-ADXX/50F41	31	41	5	50	12.2
D01-ADXX/50F44	37	44	5	50	12.9
D01-AGXX/50F38	32	38	10	50	13
D01-ADXX/63F44	37	44	5	63	14.2
D01-AAXX/72F52	42	52	1	72	16.1
D01-AAXX/80F62	55	62	1	80	18.1
D01-AAXX/88F70	65	70	1	88	18
D01-AAXX/100F84	78	84	1	100	19.9

## NOTES

- Sparky warehouse is not liable for any errors, omissions, etc., and reserves the right to modify the specifications at any time.
- All information above is intended for use only as a guide.

# D02 STAINLESS STEEL CABLE GLANDS

## DESCRIPTION

Sparky warehouse Brass Glands are precision engineered from Nickel Plated Brass, and suitable for weather proof enclosures and harsh environments.

### Typical applications include:

- Marine/Offshore
- Food/Beverage
- Pharmaceuticals

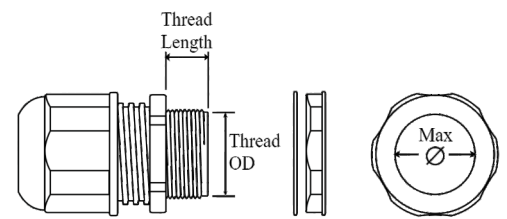
## SPECIFICATION

MATERIAL	Nylon PA66 body and claw, Nitrile Butadiene Rubber (NBR) seal and O-ring
OPERATING TEMPERATURE	-40°C to 110°C ; -40°F to 230°F
STANDARDS	AS/NZS 60529, IEC 60529, EN 60529

## NOTES

• Sparky is not liable for any errors, omissions, etc., and reserves the right to modify the specifications at any time.

• All information above is intended for use only as a guide.



## ADVANTAGES

- High strength construction - protection against stretching, vibration, twisting and shaking.
- Provides IP68 protection against dust, liquid, salt, weak acid, alcohol, grease and general solvents.
- Proven reliability in harsh environmental conditions.
- 15 bar Maximum strain relief through clamping range. Trapezoid thread with high torque guarantee.
- No disassembly required for installation.
- Supplied with lock nut and seal.

## INSPECTION & TESTING

- Visual inspection
- Physical measurement
- Cable Fitting Test

# D02 STAINLESS STEEL CABLE GLANDS

## PRODUCT LIST

Product Code	Thread OD	Min Ø	Max Ø	Thread Length	Max Plate Thickness	Glands
		mm	mm	mm	mm	/bag
D02-AGXX/16F10	M16	6	10	9	6	10
D02-AGXX/20F14	M20	9	14	9.5	6.5	10
D02-AGXX/25F18	M25	14	18	12	8.5	10
D02-AGXX/32F25	M32	18	25	12	8.5	10
D02-AGXX/40F31	M40	24	31	15	10	10
D02-ADXX/50F41	M50	31	41	15	10	5
D02-ADXX/63F45	M63	39	45	15	10	5

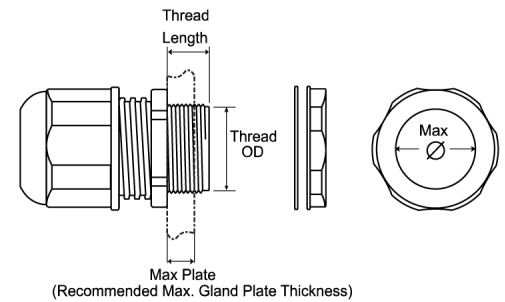
## NOTES

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# D08 STANDARD NYLON CABLE GLAND

## DESCRIPTION

Sparky warehouse Brass Standard Nylon Glands are precision engineered from Nylon 66.



## SPECIFICATION

MATERIAL	Nylon PA66 body and claw, Nitrile Butadiene Rubber (NBR) seal and O-ring
OPERATING TEMPERATURE	-40°C to 110°C ; -40°F to 230°F
STANDARDS	AS/NZS 60529, IEC 60529, EN 60529

## NOTES

Sparkywarehouse is not liable for any errors, omissions, etc., and reserves the right to modify the specifications at any time.

All information above is intended for use only as a guide.

## ADVANTAGES

- High strength construction - protection against stretching, vibration, twisting and shaking.
- Provides IP68 protection against dust, liquid, salt, weak acid, alcohol, grease and general solvents.
- Proven reliability in harsh environmental conditions.
- 15 bar Maximum strain relief through clamping range.
- Trapezoid thread with high torque guarantee.
- No disassembly required for installation.
- Supplied with lock nut and seal.

## INSPECTION & TESTING

- Visual Inspection
- Physical measurement
- Cable fitting test
- IP68 type test to AS/NZS 60529 & EC 60529

# D08 STANDARD NYLON CABLE GLAND

## PRODUCT LIST

product_code	Min Ø (mm)	Max Ø (mm)	Glands (/bag)	Thread OD (mm)	Thread Length (mm)	Max Plate (mm)
D08-AKXX/16F8BK	4	8	50	16	9.5	4.7
D08-AKXX/16F10BK	4	8	50	16	9.5	4.7
D08-AKXX/20F14BK	10	14	50	20	10	4.6
D08-AKXX/25F18BK	14	18	50	25	11.1	5.1
D08-AHXX/32F25BK	18	25	20	32	11.5	5.5
D08-AGXX/40F32BK	25	32	10	40	13	6.2
D08-AGXX/50F41BK	31	41	10	50	15.1	7.6
D08-AGXX/63F44BK	37	44	10	63	14.1	6.2
D08-AGXX/63F50BK	44	50	10	63	25	16.5
D08-AAXX/75F56BK	50	56	1	75	25	15
D08-AAXX/75F66BK	56	66	1	75	25	15
D08-AAXX/90F77BK	66	77	1	90	25	14.5

## NOTES

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# G01 125°C LV FLEXIBLE THIN WALL 2:1 HEAT SINK

## DESCRIPTION

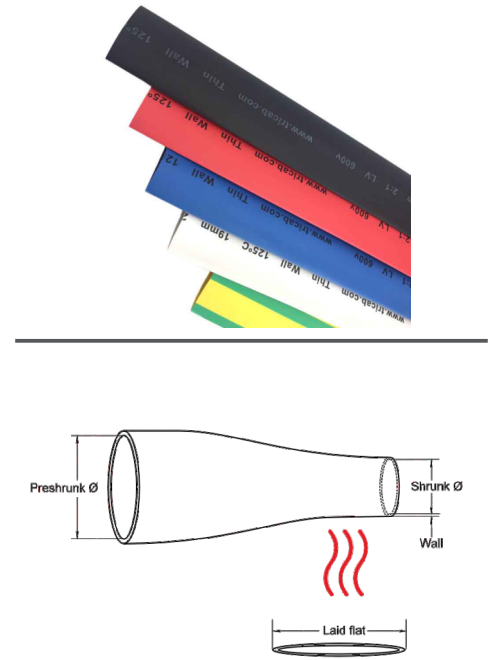
Sparky warehouse Heat Shrink is a flexible tubing, suitable for all electrical and electronic applications. It exhibits excellent electrical and mechanical properties and suits indoor or outdoor installations.

## SPECIFICATION

MATERIAL	Cross-linked Polyolefin, Low Smoke Zero Halogen, ROHS, Flame Retardant
SHRINKING RATIO	2:1
OPERATING TEMPERATURE	-55°C to +155°C -67°F to + 311°F
STANDARDS	UL224, ASTM D2671
VOLTAGE RATING	600V

## NOTES

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- All information above is intended for use only as a guide.



## ADVANTAGES

- Cross-linked Polyolefin
- Flame Retardant
- Highly Flexible
- UV Stabilized
- Corrosion Resistant

## INSPECTION & TESTING

- Visual Inspection
- Physical measurement
- Shrinking temperature test
- Shrinking ratio test
- Flame retardant test to UI94
- Tensile Strength test to AS/NZS 3808 and ASTM D2671
- Thermal heat aging test to AS/NZS 3808 and ASTM D2671
- UV resistant type test

# G01 125°C LV FLEXIBLE THIN WALL

## 2:1 HEAT SINK

### PRODUCT LIST

Product Code	Preshrunk	Shrunk	Recovered Wall	Laid flat	Length
	mm	mm	mm	mm	m
G01-ARXX/XD1.5	1.5	0.65	0.28	2.36	200
G01-ARXX/XD2	2	0.85	0.32	3.14	200
G01-ARXX/XD2.5	2.5	1	0.35	3.93	200
G01-ARXX/XD3	3	1.3	0.38	4.71	200
G01-ARXX/XD3.5	3.5	1.5	0.4	5.5	200
G01-ARXX/XD4	4	1.8	0.42	6.28	200
G01-ARXX/XD4.5	4.5	2	0.45	7.07	200
G01-AMXX/XD5	5	2.3	0.5	7.85	100
G01-AMXX/XD5.5	5.5	2.5	0.55	8.64	100
G01-AMXX/XD6.5	6.5	3	0.55	10.21	100
G01-AMXX/XD7.5	7.5	3.5	0.55	11.78	100
G01-AMXX/XD8.5	8.5	4	0.6	13.35	100
G01-AMXX/XD9.5	9.5	4.5	0.6	14.92	100
G01-AMXX/XD10.5	10.5	5	0.6	16.49	100
G01-AMXX/XD11.5	11.5	5.5	0.6	18.06	100
G01-AMXX/XD12.5	12.5	6	0.6	19.63	100
G01-AMXX/XD13.5	13.5	6.5	0.65	21.2	100
G01-AMXX/XD14.5	14.5	7	0.65	22.77	100
G01-AMXX/XD15.5	15.5	7.5	0.7	24.34	100
G01-AMXX/XD16.5	16.5	8	0.75	25.91	100
G01-AMXX/XD17.5	17.5	8.5	0.7	27.48	100
G01-AMXX/XD19	19	9	0.8	29.83	100
G01-AMXX/XD21	21	10	0.8	32.97	100
G01-AMXX/XD23	23	11	0.8	36.11	100
G01-AKXX/XD26	26	12.5	0.9	40.82	50
G01-AKXX/XD29	29	14	0.9	45.53	50
G01-AKXX/XD31.5	31.5	15	0.95	49.46	50
G01-AKXX/XD36.5	36.5	17.5	1	57.31	50
G01-AKXX/XD41.5	41.5	20	1	65.16	50
G01-AEXX/XD46.5	46.5	22.5	1	73.01	25
G01-AEXX/XD50	50	25	1	78.5	25
G01-AEXX/XD60	60	31	1.3	94.2	25
G01-AEXX/XD70	70	36	1.3	109.9	25
G01-AEXX/XD80	80	41	1.46	125.6	25
G01-AEXX/XD90	90	46	1.46	141.3	25
G01-AEXX/XD100	100	51	1.46	157	25
G01-AEXX/XD120	120	61	1.56	188.4	25
G01-AEXX/XD150	150	76	1.56	235.5	25
G01-AEXX/XD180	180	91	1.56	282.6	25
G01-AEXX/XD210	210	105	1.56	329.7	25
G01-AEXX/XD230	230	115	1.56	361.1	25
G01-AEXX/XD250	250	125	1.56	392.5	25

### NOTES

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# G03 DUAL WALL GLUE-LINED HEAT SHRINK

## DESCRIPTION

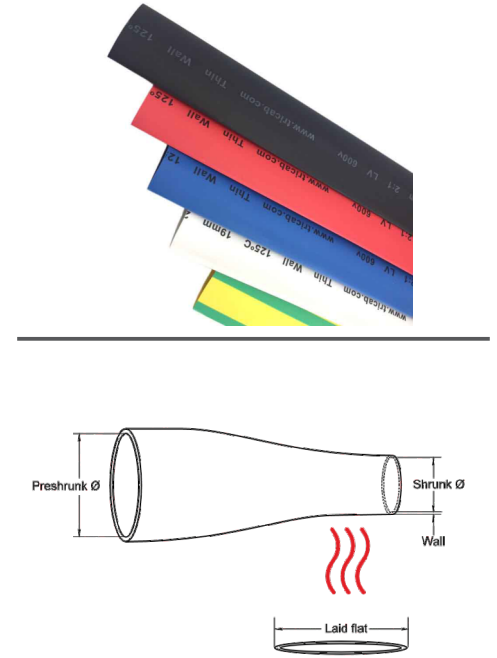
Sparky warehouse Medium Wall Heat Shrink is suitable for a variety of low voltage electrical and mechanical applications. It exhibits excellent electrical and mechanical properties, and suits indoor or outdoor installations.

## SPECIFICATION

MATERIAL	Cross-linked Polyolefin, Low Smoke Zero Halogen, ROHS, Flame Retardant
SHRINKING RATIO	2:1
OPERATING TEMPERATURE	-55°C to +155°C -67°F to + 311°F
STANDARDS	UL224, ASTM D2671
VOLTAGE RATING	600V

## NOTES

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- All information above is intended for use only as a guide.



## ADVANTAGES

- Cross-linked Polyolefin
- Flame Retardant
- Highly Flexible
- UV Stabilized
- Corrosion Resistant

## INSPECTION & TESTING

- Visual Inspection
- Physical measurement
- Shrinking temperature test
- Shrinking ratio test
- Flame retardant test to UI94
- Tensile Strength test to AS/NZS 3808 and ASTM D2671
- Thermal heat aging test to AS/NZS 3808 and ASTM D2671
- UV resistant type test

# G03 DUAL WALL GLUE-LINED HEAT SHRINK

## PRODUCT LIST

product_code	quantity	d1	Shrunk (mm)	Wall(mm)	Length(mm)	Laid Flat (mm)
G03-AAXX/1.2D10	1	10.2	3	1.75	1.22	16
G03-AAXX/1.2D16	1	16	5	1.9	1.22	25.1
G03-AAXX/1.2D19	1	19.1	5.6	2.45	1.22	30
G03-AAXX/1.2D25	1	25	8	2.45	1.22	39.3
G03-AAXX/1.2D28	1	28	9	2.6	1.22	44
G03-AAXX/1.2D35	1	35	10.2	2.7	1.22	55
G03-AAXX/1.2D38	1	38.1	12	2.7	1.22	59.8
G03-AAXX/1.2D43	1	43.2	12.7	2.7	1.22	67.8
G03-AAXX/1.2D52	1	52.1	16	2.8	1.22	81.8
G03-AAXX/1.2D63	1	63	19	3	1.22	98.9
G03-AAXX/1.2D75	1	75	22	3	1.22	117.8
G03-AAXX/1.2D85	1	85	25	3.3	1.22	133.5

## NOTES

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# G06

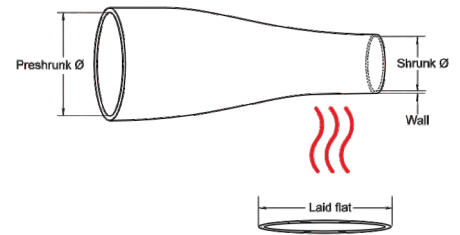
## 125°C LV FLEXIBLE THIN WALL 2:1 RAINBOW PACK HEAT SHRINK TUBE RAINBOW

### DESCRIPTION

Sparky warehouse Heat Shrink is a flexible tubing, suitable for all electrical and electronic applications. It exhibits excellent electrical and mechanical properties and suits indoor or outdoor installations.

Verified for use on Sparky warehouse B06, B12 and B20 series

lugs. Rainbow pack colors: Red, White, Black, Blue, Green/Yellow.



### SPECIFICATION

MATERIAL	Cross-linked Polyolefin
SHRINKING RATIO	2:1
OPERATING TEMPERATURE	-45°C to 125°C -49°F to 257°F
STANDARDS	UL224, ASTM D2671
VOLTAGE RATING	600V

### NOTES

.Sparky is not liable for any errors, omissions, etc., and reserves the right to modify the specifications at any time.

· All information above is intended for use only as a guide.

### ADVANTAGES

- Cross-linked Polyolefin
- Flame Retardant
- Highly Flexible
- UV Stabilized
- Corrosion Resistant

### INSPECTION & TESTING

- Visual Inspection
- Physical measurement
- Shrinking temperature test
- Shrinking ratio test
- Flame retardant test to UI94
- Tensile Strength test to AS/NZS 3808 and ASTM D2671
- Thermal heat aging test to AS/NZS 3808 and ASTM D2671
- UV resistant type test

# G06

125°C LV FLEXIBLE THIN WALL 2:1  
RAINBOW PACK HEAT SHRINK  
TUBE RAINBOW

## PRODUCT LIST

Product Code	Pre-Shrunk	Shrunk	EA Pre Shrunk	EA Shrunk	Min CU	Max CU	EA Min CU	EA Max CU
	mm	mm	mm	mm	mm <sup>2</sup>	mm <sup>2</sup>	mm <sup>2</sup>	mm <sup>2</sup>
G06-AAXX/XD9.5	9.5	4.5	9.5	4.5	6	10	6	10
G06-AAXX/XD12.5	12.5	6	9.5	4.5	10	25	6	10
G06-AAXX/XD19	19	9	9.5	4.5	35	50	6	16
G06-AAXX/XD26	26	12.5	16.5	8	70	120	25	35
G06-AAXX/XD36.5	36.5	17.5	21	10	150	240	50	95
G06-AAXX/XD46.5	46.5	22.5	29	14	240	400	95	120
G06-AAXX/XD60	60	31	31.5	15	400	630	95	150

## NOTES

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# G07 HEAT SHRINK CABLE END CAPS

## DESCRIPTION

Sparky warehouse Heat Shrink End Caps are designed to protect cable ends during installation or storage. They safeguard the cable ends from abrasions, corrosion and high moisture level environments.

The End Caps are coated with a hot-melt adhesive that bonds to the cable jacket and ensures a reliable seal.

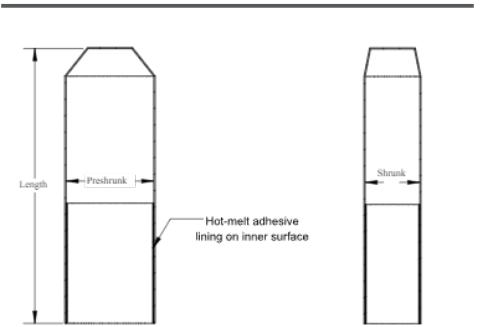
## SPECIFICATION

MATERIAL	Polyolefin
OPERATING TEMPERATURE	-45°C to 125°C -49°F to 257°F
STANDARDS	ASTM-D-638, ASTM-D-1693, IEC60243
INSTALLATION	Heat to be applied from Top to Down of end cap in circular motion.

## NOTES

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· All information above is intended for use only as a guide.



## ADVANTAGES

- Watertight
- Quick and Reliable Seal
- UV Resistant
- Corrosion and Chemical Resistant

## INSPECTION & TESTING

- Visual Inspection
- Physical measurement
- Shrinking temperature test

# G07 HEAT SHRINK CABLE END CAPS

## PRODUCT LIST

product_code	Min Cable OD (mm)	Max Cable OD (mm)	stock	Caps/bag	Preshrunk Ø (mm)	Shrunk Ø (mm)	Length (mm)
G07-AGXX/12D5	6	10	1	10	12	5	45
G07-ADXX/20D8.5	10	18	1	5	20	8.5	72
G07-ABXX/30D16	18	28	1	2	30	16	94
G07-ABXX/40D18	20	38	1	2	40	18	94
G07-AAXX/74D31	33	72	1	1	74	31	145
G07-AAXX/97D40	42	95	1	1	97	40	150

## NOTES

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# G08

## DUAL WALL GLUE-LINED HEAT SHRINK 3:1 RAINBOW PACK HEAT SHRINK TUBE

### DESCRIPTION

Sparky warehouse Heat Shrink is a flexible tubing, suitable for all electrical and electronic applications. It exhibits excellent electrical and mechanical properties and suits indoor or outdoor installations.

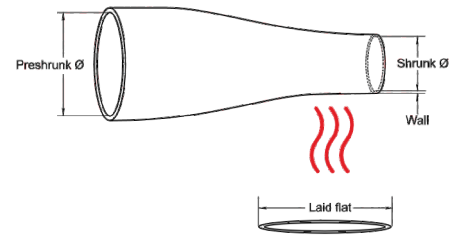
### SPECIFICATION

MATERIAL	Cross-linked Polyolefin with inner coating of hot melt adhesive
SHRINKING RATIO	2:1
OPERATING TEMPERATURE	-45°C to +125°C -49°F to + 257°F
STANDARDS	UL224, ASTM D2671
VOLTAGE RATING	600V

### NOTES

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### ADVANTAGES

- High resistance to impact and abrasion
- Thermoplastic adhesive liner for complete environment protection and insulation
- ROHS compliant
- Flame Retardant
- High Shrink Ratio 3:1

### INSPECTION & TESTING

- Visual Inspection
- Physical measurement
- Shrinking temperature test
- Shrinking ratio test
- Flame retardant test to UI94
- Tensile Strength test to AS/NZS 3808 and ASTM D2671
- Thermal heat aging test to AS/NZS 3808 and ASTM D2671
- UV resistant type test

# G08

## DUAL WALL GLUE-LINED HEAT SHRINK 3:1 RAINBOW PACK HEAT SHRINK TUBE

### PRODUCT LIST

product_code	Preshrunk (mm)	Shrunk (mm)	Preshrunk EA (mm)	Shrunk EA (mm)	min_cable (AL)	max_cable (AL)	min_cable (CU)	max_cable (CU)	min_cable (CU EA)	max_cable (CU EA)	Length (m)	quantity
G08-AAXX/1.2D19	19.1	5.6	19.1	5.6	16	35	16	70	16	70	1.2	1
G08-AAXS/1.2D19	19.1	5.6	16	5	-	-	16	70	6	25	1.2	1
G08-AAXX/1.2D25	25	8	25	8	50	95	25	95	25	95	1.2	1
G08-AAXS/1.2D25	25	8	19.1	5.6	-	-	25	95	16	70	1.2	1
G08-AAXX/1.2D38	38.1	12	38.1	12	120	300	70	240	70	240	1.2	1
G08-AAXS/1.2D38	38.1	12	25	8	-	-	70	240	25	95	1.2	1
G08-AAXS/1.2D63	63	19	38.1	12	-	-	150	630	70	240	1.2	1
G08-AAXS/1.2D85	85	25	63	19	-	-	400	800	150	630	1.2	1

### NOTES

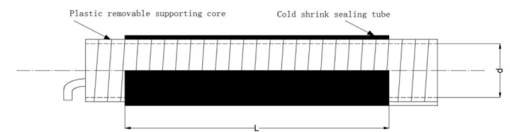
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# G12 EPDM COLD SHRINK TUBE

## DESCRIPTION

Sparky warehouse EPDM Cold Shrink Tubes are made of EPDM rubber which contains no chlorides or sulphurs. Easy installation by simply pulling the tab, once the tube is in place which allows the tube collapse.

The Cold Shrink tubes have excellent electrical properties with high shrink ratio. It is widely used in waterproof seal cables.



## SPECIFICATION

MATERIAL	EPDM Rubber
OPERATING TEMPERATURE	-50°C to +260°C -58°F to + 500°F

## ADVANTAGES

- Large range of cable sizes
- Higher embrittlement resistance than heat shrink tubing
- Excellent weather resistance
- Superior abrasion resistant
- Ultraviolet aging resistance
- UV Stabilized

## INSPECTION & TESTING

- Visual inspection
- Physical measurement
- Cable Fitting Test

## NOTES

Sparky warehouse is not liable for any errors, omissions, etc., and reserves the right to modify the specifications at any time.

- All information above is intended for use only as a guide.

# G12 EPDM COLD SHRINK TUBE

## PRODUCT LIST

Product Code	Inner Diameter (d)	Min Diameter	Max Diameter	Length (L)
	mm	mm	mm	m
G12-AAXX/XD20	20	8	15	152
G12-AAXX/XD25	25	10	20	203
G12-AAXS/XD35	35	14	30	229
G12-AAXM/XD35	35	14	30	279
G12-AAXS/XD40	40	18	33	152
G12-AAXM/XD40	40	18	33	305
G12-AAXL/XD40	40	18	33	406
G12-AAXS/XD53	53	25	46	152
G12-AAXM/XD53	53	25	46	305
G12-AAXL/XD53	53	25	46	457
G12-AAXX/XD70	70	32	63	457
G12-AAXX/XD104	104	43	94	457

## NOTES

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# J54 POWERSURE LINE SOURCE CONNECTOR

## DESCRIPTION

PowerSure line source connectors are high quality and safe power lock type of plugs used for high current electrical power connections.

The connector is fitted with a male contact in a female housing and is usually attached to the source of power.

It is a free connector that easily terminates using standard crimp tools or set-screw contacts.

### Typical Applications include:

- Energy Plants
- Generator/Transformer connections
- Power Distribution Panels
- Outdoor Events

## SPECIFICATION

OPERATING TEMPERATURE	-35°C to 125°C -31°F to 257°F
-----------------------	----------------------------------

## NOTES

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• All information above is intended for use only as a guide.



## ADVANTAGES

- Mechanically keyed to prevent connection errors.
- Secondary locking system prevents unintentional disconnection.
- Finger proof nose to prevent touching of live contact.
- Provides IP67 protection against moisture and dust when mated.
- Flame retardant to UI94.
- Colour coded to prevent incorrect phase connection.
- Fully compatible with Powersafe and Powerlock type connectors.

## INSPECTION & TESTING

- Visual inspection
- Physical measurement
- Conductor fit

# J54 POWERSURE LINE SOURCE CONNECTOR

## PRODUCT LIST

PRODUCT CODE	Max. Current Rating	Conductor	Contact Type	Phase	Colour	Pack Size
	A	mm <sup>2</sup>				
J54-AAXX/1P500EA	500	150	Set Screw	Earth	Green	1
J54-AAXX/1P500BK	500	150	Set Screw	Neutral	Black	1
J54-AAXX/1P500RE	500	150	Set Screw	Line 1	Red	1
J54-AAXX/1P500WH	500	150	Set Screw	Line 2	White	1
J54-AAXX/1P500BL	500	150	Set Screw	Line 3	Blue	1
J54-AAXX/1P800EA	800	240	Hex Crimp	Earth	Green	1
J54-AAXX/1P800BK	800	240	Hex Crimp	Neutral	Black	1
J54-AAXX/1P800RE	800	240	Hex Crimp	Line 1	Red	1
J54-AAXX/1P800WH	800	240	Hex Crimp	Line 2	White	1
J54-AAXX/1P800BL	800	240	Hex Crimp	Line 3	Blue	1
J54-AAXL/1P800EA	800	300	Hex Crimp	Earth	Green	1
J54-AAXL/1P800BK	800	300	Hex Crimp	Neutral	Black	1
J54-AAXL/1P800RE	800	300	Hex Crimp	Line 1	Red	1
J54-AAXL/1P800WH	800	300	Hex Crimp	Line 2	White	1
J54-AAXL/1P800BL	800	300	Hex Crimp	Line 3	Blue	1

## NOTES

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# J56 POWERSURE LINE DRAIN CONNECTOR

## DESCRIPTION

PowerSure line drain connectors are high quality and safe power lock type of plugs used for high current electrical power connections.

The connector is fitted with a female contact in a male housing.

It is a free connector that easily terminates using standard crimp tools or set-screw contacts.

Typical Applications include:

- Energy Plants
- Generator/Transformer connections
- Power Distribution Panels
- Outdoor Events

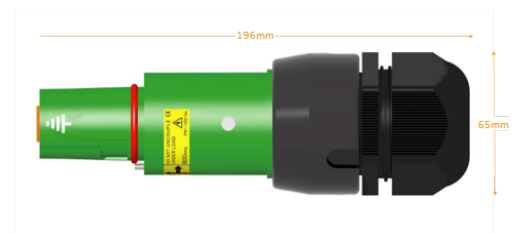
## SPECIFICATION

OPERATING TEMPERATURE	-35°C to 125°C -31°F to 257°F
-----------------------	----------------------------------

## NOTES

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## ADVANTAGES

- Mechanically keyed to prevent connection errors.
- Secondary locking system prevents unintentional disconnection.
- Finger proof nose to prevent touching of live contact.
- Provides IP67 protection against moisture and dust when mated.
- Flame retardant to UI94.
- Colour coded to prevent incorrect phase connection.
- Fully compatible with Powersafe and Powerlock type connectors.

## INSPECTION & TESTING

- Visual inspection
- Physical measurement
- Conductor fit

# J56 POWERSURE LINE DRAIN CONNECTOR

## PRODUCT LIST

PRODUCT CODE	Max. Current Rating	Conductor	Contact Type	Phase	Colour	Pack Size
	A	mm <sup>2</sup>				/pack
J56-AAXX/1P500EA	500	150	Set Screw	Earth	Green	1
J56-AAXX/1P500BK	500	150	Set Screw	Neutral	Black	1
J56-AAXX/1P500RE	500	150	Set Screw	Line 1	Red	1
J56-AAXX/1P500WH	500	150	Set Screw	Line 2	White	1
J56-AAXX/1P500BL	500	150	Set Screw	Line 3	Blue	1
J56-AAXX/1P800EA	800	240	Hex Crimp	Earth	Green	1
J56-AAXX/1P800BK	800	240	Hex Crimp	Neutral	Black	1
J56-AAXX/1P800RE	800	240	Hex Crimp	Line 1	Red	1
J56-AAXX/1P800WH	800	240	Hex Crimp	Line 2	White	1
J56-AAXX/1P800BL	800	240	Hex Crimp	Line 3	Blue	1
J56-AAXL/1P800EA	800	300	Hex Crimp	Earth	Green	1
J56-AAXL/1P800BK	800	300	Hex Crimp	Neutral	Black	1
J56-AAXL/1P800RE	800	300	Hex Crimp	Line 1	Red	1
J56-AAXL/1P800WH	800	300	Hex Crimp	Line 2	White	1
J56-AAXL/1P800BL	800	300	Hex Crimp	Line 3	Blue	1

## NOTES

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# J57 POWERSURE XL LINE SOURCE CONNECTOR

## DESCRIPTION

PowerSure XL line source connectors are designed for use in power distribution applications for cables with outer diameters too large to fit the standard line source connector.

It features a larger M50 gland to facilitate this, compared to the M40 gland in the corresponding standard connector.

Typical Applications include:

- Energy Plants
- Generator/Transformer connections
- Power Distribution Panels
- Outdoor Events

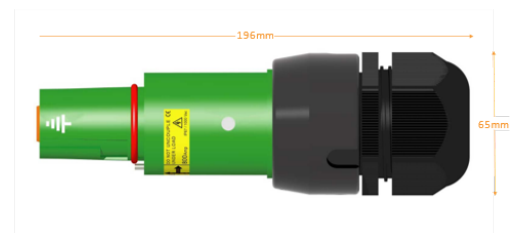
## SPECIFICATION

OPERATING TEMPERATURE	-35°C to 125°C -31°F to 257°F
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## NOTES

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## ADVANTAGES

- Mechanically keyed to prevent connection errors.
- Secondary locking system prevents unintentional disconnection.
- Finger proof nose to prevent touching of live contact.
- Provides IP67 protection against moisture and dust when mated.
- Flame retardant to UI94.
- Colour coded to prevent incorrect phase connection.
- Fully compatible with Powersafe and Powerlock type connectors.

## INSPECTION & TESTING

- Visual inspection
- Physical measurement
- Conductor fit

# J57 POWERSURE XL LINE SOURCE CONNECTOR

## PRODUCT LIST

PRODUCT CODE	Max. Current Rating	Conductor	Contact Type	Phase	Colour	Pack Size
	A	mm <sup>2</sup>				/pack
J57-AAXX/1P800EA	800	240	Hex Crimp	Earth	Green	1
J57-AAXX/1P800BK	800	240	Hex Crimp	Neutral	Black	1
J57-AAXX/1P800RE	800	240	Hex Crimp	Line 1	Red	1
J57-AAXX/1P800WH	800	240	Hex Crimp	Line 2	White	1
J57-AAXX/1P800BL	800	240	Hex Crimp	Line 3	Blue	1
J57-AAXL/1P800EA	800	300	Hex Crimp	Earth	Green	1
J57-AAXL/1P800BK	800	300	Hex Crimp	Neutral	Black	1
J57-AAXL/1P800RE	800	300	Hex Crimp	Line 1	Red	1
J57-AAXL/1P800WH	800	300	Hex Crimp	Line 2	White	1
J57-AAXL/1P800BL	800	300	Hex Crimp	Line 3	Blue	1

## NOTES

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# J58 POWERSURE XL LINE DRAIN CONNECTOR

## DESCRIPTION

PowerSure XL line drain connectors are designed for use in power distribution applications for cables with outer diameters too large to fit the standard line drain connector.

It features a larger M50 gland to facilitate this compared to the M40 gland in the corresponding standard connector.

The connector is fitted with a female contact in a male housing.

Typical Applications include:

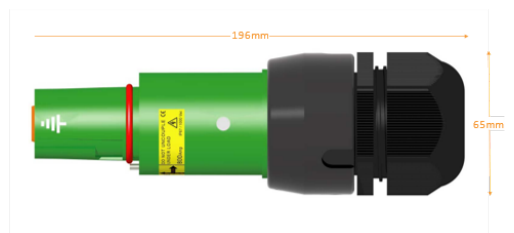
- Energy Plants
- Generator/Transformer connections
- Power Distribution Panels
- Outdoor Events

## SPECIFICATION

OPERATING TEMPERATURE	-35°C to 125°C -31°F to 257°F
-----------------------	----------------------------------

## NOTES

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## ADVANTAGES

- Mechanically keyed to prevent connection errors.
- Secondary locking system prevents unintentional disconnection.
- Finger proof nose to prevent touching of live contact.
- Provides IP67 protection against moisture and dust when mated.
- Flame retardant to UI94.
- Colour coded to prevent incorrect phase connection.
- Fully compatible with Powersafe and Powerlock type connectors.

## INSPECTION & TESTING

- Visual inspection
- Physical measurement
- Conductor fit

# J58 POWERSURE XL LINE DRAIN CONNECTOR

## PRODUCT LIST

PRODUCT CODE	Max. Current Rating	Conductor	Contact Type	Phase	Colour	Pack Size
	A	mm <sup>2</sup>				/pack
J58-AAXX/1P800EA	800	240	Hex Crimp	Earth	Green	1
J58-AAXX/1P800BK	800	240	Hex Crimp	Neutral	Black	1
J58-AAXX/1P800RE	800	240	Hex Crimp	Line 1	Red	1
J58-AAXX/1P800WH	800	240	Hex Crimp	Line 2	White	1
J58-AAXX/1P800BL	800	240	Hex Crimp	Line 3	Blue	1
J58-AAXL/1P800EA	800	300	Hex Crimp	Earth	Green	1
J58-AAXL/1P800BK	800	300	Hex Crimp	Neutral	Black	1
J58-AAXL/1P800RE	800	300	Hex Crimp	Line 1	Red	1
J58-AAXL/1P800WH	800	300	Hex Crimp	Line 2	White	1
J58-AAXL/1P800BL	800	300	Hex Crimp	Line 3	Blue	1

## NOTES

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# J89 TECHNO PANEL MOUNT CONNECTOR

## DESCRIPTION

TECHNO Panel Mount Connectors allow electrical equipment installation to a high protection class, watertight in depths up to 30m.

The IP68 connection is made quickly and safely, when mated, without the use of cast resin, gel, or heat shrink tube.

The Panel Mount Connector also impresses with its small dimensions that allow their use even in the smallest spaces.



## SPECIFICATION

MATERIAL	Body: Pa66 Contacts: Brass – Nickel Plated
OPERATING TEMPERATURE	-40°C to +125°C -49°F to + 257°F
STANDARDS	EN 60529, EN 60998, IEC 61984

## NOTES

· Sparky warehouse is not liable for any errors, omissions, etc., and reserves the right to modify the specifications at any time.

· All information above is intended for use only as a guide.

## ADVANTAGES

- Quick Re-accessible and Compact
- IP68, IP66 Water and Dust Proof
- UV Radiation Resistant
- UL94 V0 Materials, suitable for underground installation.
- Halogen Free material
- **UL Certified**

## INSPECTION & TESTING

- visual Inspection
- Physical Measurement
- IP68 Test by EN 60529
- Electrical Type test to IEC 61984

# J89 TECHNO PANEL MOUNT CONNECTOR

## PRODUCT LIST

Product Code	Conductor Range N mm <sup>2</sup>	No. of Poles	Current Rating A	Voltage Rating V
J89-AAXX/2P17	0.5 – 1.5	2	17.5A	500
J89-AAXX/4P17	0.5 – 1.5	4	17.5	500

## NOTES

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# J91 TECHNO PLUG CONNECTOR

## DESCRIPTION

TECHNO Plug Connectors allow electrical equipment installation to a high protection class, watertight in depths up to 30m.

The IP68 connection is made quickly and safely, when mated, without the use of cast resin, gel, or heat shrink tube.

The plug connector also impresses with its small dimensions that allow their use even in the smallest spaces



## SPECIFICATION

MATERIAL	Body: Pa66 Contacts: Brass – Nickel Plated
OPERATING TEMPERATURE	-40°C to +125°C -49°F to + 257°F
STANDARDS	EN 60529, EN 60998, IEC 61984

## NOTES

· Sparky is not liable for any errors, omissions, etc., and reserves the right to modify the specifications at any time.

· All information above is intended for use only as a guide.

## ADVANTAGES

- Quick Re-accessible and Compact
- IP68, IP66 Water and Dust Proof
- UV Radiation Resistant
- UL94 V0 Materials, suitable for underground installation.
- Halogen Free material
- UL Certified

## INSPECTION & TESTING

- Visual Inspection
- Physical Measurement
- IP68 Test by EN 60529
- Electrical Type test to IEC 61984

# J91 TECHNO PLUG CONNECTOR

## PRODUCT LIST

Product Code	Conductor Range N mm <sup>2</sup>	No. of Poles	Current Rating A	Voltage Rating V
J91-AAXX/3P16	0.5 – 1.5	2	16.5A	500
J91-AAXX/4P17	0.5 – 1.5	4	17.5	500
J91-AAXX/5P17	0.5 – 1.5	5	17.5	500

## NOTES

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# J92 TECHNO SOCKET CONNECTOR

## DESCRIPTION

TECHNO Socket Connectors allow electrical equipment installation to a high protection class, watertight in depths up to 30m. The IP68 connection is made quickly and safely, when mated, without the use of cast resin, gel, or heat shrink tube.

The socket connector also impresses with its small dimensions that allow their use even in the smallest spaces.



## SPECIFICATION

MATERIAL	Body: Pa66 Contacts: Brass – Nickel Plated
OPERATING TEMPERATURE	-40°C to +125°C -49°F to + 257°F
STANDARDS	EN 60529, EN 60998, IEC 61984

## NOTES

· Sparky is not liable for any errors, omissions, etc., and reserves the right to modify the specifications at any time.

· All information above is intended for use only as a guide.

## ADVANTAGES

- Quick Re-accessible and Compact
- IP68, IP66 Water and Dust Proof
- UV Radiation Resistant
- UL94 V0 Materials, suitable for underground installation.
- Halogen Free material
- UL Certified

## INSPECTION & TESTING

- Visual Inspection
- Physical Measurement
- IP68 Test by EN 60529
- Electrical Type test to IEC 61984

# J92 TECHNO SOCKET CONNECTOR

## PRODUCT LIST

Product Code	Conductor Range N mm <sup>2</sup>	No. of Poles	Current Rating A	Voltage Rating V
J92-AAXX/3P16	0.5 – 1.5	2	17.5A	500
J92-AAXX/4P17	0.5 – 1.5	4	17.5	500
J92-AAXX/5P17	0.5 – 1.5	5	17.5	500

## NOTES

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# J93 TECHNO PLUG RAPID CONNECTOR

## DESCRIPTION

TECHNO Socket Connectors allow electrical equipment installation to a high protection class, watertight in depths up to 30m.

**A patented spring system connects the connector without the use of screws and tools.**

The IP68 connection is made quickly and safely, when mated, without the use of cast resin, gel, or heat shrink tube.

The rapid connectors constitute a reliable interconnection system that guarantees flexibility and speed and reduces installation costs.

## SPECIFICATION

MATERIAL	Body: Pa66 Contacts: Brass – Nickel Plated
OPERATING TEMPERATURE	-40°C to +125°C -49°F to + 257°F
STANDARDS	EN 60529, EN 60998, IEC 61984

## NOTES

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· All information above is intended for use only as a guide.



## ADVANTAGES

- Quick, Robust and Safe
- **Toolless. Screw-less version.**
- Powerful and Compact
- IP68 Water and Dust Proof
- Maximum Resistance to tensile stresses with an excellent cable strain relief
- UV Radiation Resistant
- Halogen Free material

## INSPECTION & TESTING

- Visual Inspection
- Physical Measurement
- IP68 Test by EN 60529
- Electrical Type test to IEC 61984

# J93 TECHNO PLUG RAPID CONNECTOR

## PRODUCT LIST

Product Code	Conductor Range N mm <sup>2</sup>	No. of Poles	Current Rating A	Voltage Rating V
J93-AAXX/4P17	0.5 – 1.5	4	17.5	500
J93-AAXX/5P17	0.5 – 1.5	5	17.5	500

## NOTES

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- All information above is intended for use only as a guide.

# J94 TECHNO SOCKET RAPID CONNECTOR

## DESCRIPTION

TECHNO Socket Connectors allow electrical equipment installation to a high protection class, watertight in depths up to 30m.

**A patented spring system connects the connector without the use of screws and tools.**

The IP68 connection is made quickly and safely, when mated, without the use of cast resin, gel, or heat shrink tube.

The rapid connectors constitute a reliable interconnection system that guarantees flexibility and speed and reduces installation costs.

## SPECIFICATION

MATERIAL	Body: Pa66 Contacts: Brass – Nickel Plated
OPERATING TEMPERATURE	-40°C to +125°C -49°F to + 257°F
STANDARDS	EN 60529, EN 60998, IEC 61984

## NOTES

· Sparky warehouse is not liable for any errors, omissions, etc., and reserves the right to modify the specifications at any time.

· All information above is intended for use only as a guide.



## ADVANTAGES

- Quick, Robust and Safe
- **Toolless. Screw-less version.**
- Powerful and Compact
- IP68 Water and Dust Proof
- Maximum Resistance to tensile stresses with an excellent cable strain relief
- UV Radiation Resistant
- Halogen Free material

## INSPECTION & TESTING

- Visual Inspection
- Physical Measurement
- IP68 Test by EN 60529
- Electrical Type test to IEC 61984

# J94 TECHNO SOCKET RAPID CONNECTOR

## PRODUCT LIST

Product Code	Conductor Range N mm <sup>2</sup>	No. of Poles	Current Rating A	Voltage Rating V
J94-AAXX/4P17	0.5 – 1.5	4	17.5	500
J94-AAXX/5P17	0.5 – 1.5	5	17.5	500

## NOTES

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# W01 NYLON CABLE TIES

## DESCRIPTION

Sparky warehouse Cable Ties are designed for reliability and functionality. Constructed from Nylon 66, featuring smooth rounded edges for easy handling. Incorporating a finely spaced gear rack, TriCab Cable Ties allow for precise adjustment and provide a snug fit.

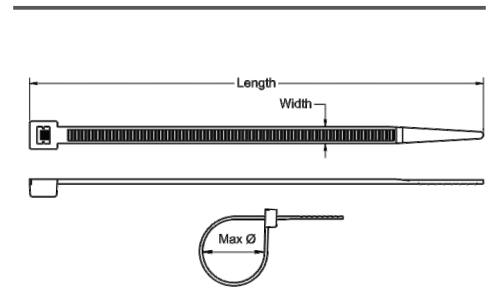
Available in natural or black (UV resistant).

## SPECIFICATION

MATERIAL	Nylon 66, 94V-2 certificated by UL. Heat resistant, anti-corrosive, excellent insulator and long lasting.
OPERATING TEMPERATURE	-55°C to +155°C -67°F to + 311°F
STANDARDS	UL224, ASTM D2671

## NOTES

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## ADVANTAGES

- Black ties offer superior weathering and are UV resistant
- ROHs Compliant

## INSPECTION & TESTING

- Visual inspection
- Physical measurement
- Cable fitting test
- Loop Test to UL 62275-21

# W01 NYLON CABLE TIES

## PRODUCT LIST

Product Code	Width	Length	Min Ø	Max Ø	Tensile Strength	Ties
	(mm)	(mm)	(mm)	(mm)	(kgf)	(/bag)
W01-AMXX/2.5M100BK	2.5	100	2	22	8	100
W01-AMXX/2.5M100WH	2.5	100	2	22	8	100
W01-AMXX/2.5M150BK	2.5	150	2	35	8	100
W01-AMXX/2.5M150WH	2.5	150	2	35	8	100
W01-AMXX/2.5M200BK	2.5	200	3	50	8	100
W01-AMXX/2.5M200WH	2.5	200	3	50	8	100
W01-AMXX/2.5M250BK	2.5	250	3	65	8	100
W01-AMXX/2.5M250WH	2.5	250	3	65	8	100
W01-AMXX/3.6M150BK	3.6	150	3	35	14	100
W01-AMXX/3.6M150WH	3.6	150	3	35	14	100
W01-AMXX/3.6M180BK	3.6	180	3	42	14	100
W01-AMXX/3.6M180WH	3.6	180	3	42	14	100
W01-AMXX/3.6M200BK	3.6	200	3	50	14	100
W01-AMXX/3.6M200WH	3.6	200	3	50	14	100
W01-AMXX/3.6M300BK	3.6	300	3	80	14	100
W01-AMXX/3.6M300WH	3.6	300	3	80	14	100
W01-AMXX/3.6M370BK	3.6	370	3	102	14	100
W01-AMXX/3.6M370WH	3.6	370	3	102	14	100
W01-AMXX/4.8M200BK	4.8	200	3	50	22	100
W01-AMXX/4.8M200WH	4.8	200	3	50	22	100
W01-AMXX/4.8M250BK	4.8	250	3	65	22	100
W01-AMXX/4.8M250WH	4.8	250	3	65	22	100
W01-AMXX/4.8M300BK	4.8	300	3	82	22	100

## NOTES

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Power | Connect | Sustain

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