



CATALOGUE

M34

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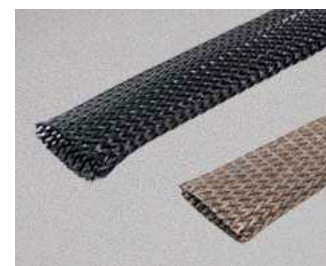
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Bumper Sheets (Sold by Pad) – Conical – Adhesive – Polyurethane – Clear

Code	Diameter	Height	Quantity Per Pad
17030	19.1mm	19.1mm	1



Bumper Sheets (Sold by Pad) – Square – Adhesive – Polyurethane

Code	Width	Height	Colour	Quantity Per Pad
17020	12.7mm	5.8mm	Clear	200
17021	19.8mm	9.7mm	Clear	1
17022B	20.6mm	7.6mm	Black	98
17023	10.2mm	2.5mm	Clear	242
17024B	19.8mm	6.4mm	Black	98
17025B	12.7mm	3mm	Black	200



Bumper Sheets (Sold by Pad) – Cylindrical – Adhesive – Polyurethane

Code	Diameter	Height	Colour	Quantity Per Pad
17010	12.7mm	1.5mm	Clear	200
17011	12.7mm	6.4mm	Clear	200
17012	16.5mm	10.2mm	Clear	128
17014	20.06mm	3mm	Clear	72
17016	9.5mm	4.8mm	Clear	200
17009B	12.7mm	3.5mm	Black	200
17010B	12.7mm	1.5mm	Black	200
17011B	12.7mm	6.4mm	Black	200
17012B	16.5mm	10.2mm	Black	128
17013B	12.7mm	3.5mm	Black	200
17015B	9.5mm	3.2mm	Black	300
17018B	19.1mm	4.1mm	Black	98



Bumper Sheets (Sold by Pad) – Hemispherical – Adhesive – Polyurethane

Code	Diameter	Height	Colour	Quantity Per Pad
17001	11.1mm	5.08mm	Clear	242
17002	8.5mm	2.2mm	Clear	450
17003	17.8mm	9.6mm	Clear	98
17004	9.5mm	3.8mm	Clear	200
17006	9.5mm	5.4mm	Clear	300
17008	19.1mm	1.9mm	Clear	84
17019	6.4mm	1.6mm	Clear	578
17020	12.7mm	5.8mm	Clear	200
17001B	11.1mm	5.08mm	Black	242
17002B	8.5mm	2.2mm	Black	450
17004B	9.5mm	3.8mm	Black	200
17004W	9.5mm	3.8mm	White	200
17005B	15.7mm	7.9mm	Black	128
17006B	9.5mm	5.4mm	Black	300
17007B	7.9mm	2.2mm	Black	450
17019B	6.4mm	1.6mm	Black	578



Bumper Sheets (Sold by Pad) – Recessed Cylinder – Adhesive – Polyurethane

Code	Diameter	Height	Colour	Quantity Per Pad
17009W	12.7mm	3.5mm	White	200
17027	22.3mm	10.2mm	Clear	72
17027B	22.3mm	10.2mm	Black	72
17027W	22.3mm	10.2mm	White	72
17028	46mm	15.2mm	Clear	1



For our full comprehensive range visit our website. <http://npa.com.au>

NPA Tech Tip

Our adhesive bumpers use an acrylic adhesive and are rated for 300 hours of static shear time.

Maximum adhesive strength is achieved after 24 hours.

When applying the bumpers to a surface we recommend temperatures between 18°C - 65.6°C.

For end use temperatures between -18°C - 82.2°C are acceptable.

We recommend storing unused Bumper Sheets (Sold by Pad) at 23°C and no more than 55% relative humidity.

Twist Ties - Standard - Nylon 66 - Natural

Code	Min. Cable Size	Max. Cable Size	Height	Other Information
V23EZ0375N	Ø 7.62mm	Ø10.2mm	25.91mm	Ball End



For our full comprehensive range visit our website. <http://npa.com.au>

Standoffs - Twist Lock - Arrowhead Mounts - Nylon 66 - Natural

Code	Cable Range	Height	Mount Hole Size	Panel Thickness	Spacing	Thickness	Width
M41527-2.1	Ø 10.2 - Ø 12.7mm	27.7mm	4.75mm	0.8mm - 2mm	4.8mm	2.1mm	14.2mm



For our full comprehensive range visit our website. <http://npa.com.au>

Cable Clamp – Adjustable – Adhesive Base – Nylon 66 – Natural

Code	Max. Cable Size	Clamp Length	Base Length	Base Width
42529	Ø 26mm	108mm	30.5mm	21mm
42527	Ø 17mm	70mm	25mm	18mm
42528	Ø 22mm	90mm	30.5mm	21mm


Cable Clamp – Adjustable – Adhesive Base – Nylon 66 – Black

Code	Min. Cable Size	Max. Cable Size	Base Length	Base Width
42577	Ø 16.5mm	Ø 20mm	42mm	25mm
42578	Ø 22mm	Ø 25mm	42mm	21.5mm
42574	Ø 8mm	Ø 10mm	25mm	19mm
42575	Ø 10mm	Ø 12.5mm	32mm	19mm
42576	Ø 12.5mm	Ø 15mm	37mm	18.5mm



Wire Clips – Saddle – Adhesive Base – Nylon 66 – Natural

Code	Cable Size	Height	Base Length	Base Width
M41558	Ø 7.1mm	11.16mm	19.2mm	19.2mm



For our full comprehensive range visit our website. <http://npa.com.au>

NPA Tech Tip

Our wire clips and cable tie mounts use an acrylic adhesive.

Loads should not exceed 1710N.

When applying the clips to a surface we recommend temperatures between 21°C - 38°C.

After applying the adhesive clip to a surface we recommend waiting 24 hours for the adhesive to achieve maximum strength before adding the wires or cable ties.

If you require rubber adhesive instead of acrylic inquire with our sales team at sales@npa.com.au

Cable Clamp - Clip - Adhesive Base - Nylon 66 - Natural

Code	Cable Size	Height	Length	Width
42540	Ø 4.5mm	5mm	19mm	19mm
42542	Ø 11mm	12.5mm	26mm	26mm
42544	Ø 18mm	16mm	26mm	26mm



Cable Clamp - Clip - Adhesive Base - Nylon 66 - Black

Code	Cable Size	Height	Length	Width
42541	Ø 4.5mm	5mm	19mm	19mm
42543	Ø 11mm	12.5mm	26mm	26mm



Cable Clamp – Flat Ribbon – Adhesive Base – PVC – Grey

Code	Cable Size	Length	Width
42548	Ø 10mm	30mm	25.4mm
42546	Ø 10mm	20mm	25.4mm
42547	Ø 10mm	25mm	25.4mm



Cable Clamp – Heavy Duty – Screw On – Nylon 66 – Black

Code	Cable Size	Hole Diameter	Width
40134	Ø 8mm	Ø 5.2mm	12.7mm
40126	Ø 3.2mm	Ø 5.2mm	12.7mm
40128	Ø 4.8mm	Ø 5.2mm	12.7mm
40138	Ø 9.5mm	Ø 5.2mm	12.7mm
40136	Ø 9.5mm	Ø 5.2mm	12.7mm
40131	Ø 8mm	Ø 5.2mm	12.7mm
40125	Ø 3.2mm	Ø 5.2mm	12.7mm
40127	Ø 4.8mm	Ø 5.2mm	12.7mm
40129	Ø 6.4mm	Ø 5.2mm	12.7mm
40130	Ø 6.4mm	Ø 5.2mm	12.7mm



Cable Clamp – Screw Down – Steel with PVC Tube – Black

Code	Cable Size	Length	Hole Diameter
41008	Ø 7.5mm	74mm	4.2mm
41009	Ø 8.5mm	69mm	5.1mm
41010	Ø 10mm	78mm	6mm
41011	Ø 16mm	115mm	10mm
41005	Ø 7.5mm	32mm	3.3mm
41006	Ø 8mm	62mm	3.6mm
41007	Ø 8.5mm	35mm	4.2mm



Solar Panel 2 Clip Module – 304 Stainless Steel

Code	Cable Size mm	Length	Width	Panel Thickness	Other Information
99000	2 x 4mm ²	20.610mm	17.93mm	1.3mm - 2.5mm	Fits Up to 2 Cables



For our full comprehensive range visit our website. <http://npa.com.au>

Cable Clamp – Wire Clip – Adhesive Base – PVC – Grey

Code	Height	Length	Width
42551	13.8mm	28.5mm	25.4mm



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Cable Clip – Anchor – PA6HIR – Black

Code	Min. Cable Size	Max. Cable Size	Height	Length	Width	Mounting Hole Diameter
41002	Ø 4.5mm	Ø 5.7mm	14mm	22mm	8.8mm	5mm



P-clips - Standard - Nylon 66 - Natural

Code	Cable Size	Mounting Hole Diameter	Width
40011	Ø 3.2mm	Ø 3.5mm	9.5mm
40013	Ø 4.8mm	Ø 3.5mm	9.5mm
40015	Ø 6.4mm	Ø 3.5mm	9.5mm
40017	Ø 7.9mm	Ø 3.5mm	9.5mm
40019	Ø 9.5mm	Ø 3.5mm	9.5mm
40021	Ø 11.1mm	Ø 3.5mm	9.5mm
40023	Ø 12.7mm	Ø 3.5mm	9.5mm
40031	Ø 3.2mm	Ø 4.2mm	9.5mm
40033	Ø 4.8mm	Ø 4.2mm	9.5mm
40035	Ø 6.4mm	Ø 4.2mm	9.5mm
40037	Ø 7.9mm	Ø 4.2mm	9.5mm
40039	Ø 9.5mm	Ø 4.2mm	9.5mm
40041	Ø 11.1mm	Ø 4.2mm	9.5mm
40043	Ø 12.7mm	Ø 4.2mm	9.5mm
40051	Ø 3.2mm	Ø 5.1mm	9.5mm
40053	Ø 4.8mm	Ø 5.1mm	9.5mm
40055	Ø 6.4mm	Ø 5.1mm	9.5mm
40057	Ø 7.9mm	Ø 5.1mm	9.5mm
40059	Ø 9.5mm	Ø 5.1mm	9.5mm
40061	Ø 11.1mm	Ø 5.1mm	9.5mm
40063	Ø 12.7mm	Ø 5.1mm	9.5mm



P-clips - Standard - Nylon 66 - Black

Code	Cable Size	Mounting Hole Diameter	Width
40012	Ø 3.2mm	3.5mm	9.5mm
40014	Ø 4.8mm	3.5mm	9.5mm
40016	Ø 6.4mm	3.5mm	9.5mm
40018	Ø 7.9mm	3.5mm	9.5mm
40020	Ø 9.5mm	3.5mm	9.5mm
40022	Ø 11.1mm	3.5mm	9.5mm
40024	Ø 12.7mm	3.5mm	9.5mm
40032	Ø 3.2mm	4.2mm	9.5mm
40034	Ø 4.8mm	4.2mm	9.5mm
40036	Ø 6.4mm	4.2mm	9.5mm
40038	Ø 7.9mm	4.2mm	9.5mm
40040	Ø 9.5mm	4.2mm	9.5mm
40042	Ø 11.1mm	4.2mm	9.5mm
40044	Ø 12.7mm	4.2mm	9.5mm
40052	Ø 3.2mm	5.1mm	9.5mm
40054	Ø 4.8mm	5.1mm	9.5mm
40056	Ø 6.4mm	5.1mm	9.5mm
40058	Ø 7.9mm	5.1mm	9.5mm
40060	Ø 9.5mm	5.1mm	9.5mm
40062	Ø 11.1mm	5.1mm	9.5mm
40064	Ø 12.7mm	5.1mm	9.5mm



P-clips – Heavy Duty – Nylon 66 – Natural

Code	Cable Size	Mounting Hole Diameter	Width
40071	Ø 3.2mm	5.1mm	12.7mm
40073	Ø 4.8mm	5.1mm	12.7mm
40075	Ø 6.4mm	5.1mm	12.7mm
40077	Ø 7.9mm	5.1mm	12.7mm
40079	Ø 9.5mm	5.1mm	12.7mm
40081	Ø 11.1mm	5.1mm	12.7mm
40083	Ø 12.7mm	5.1mm	12.7mm
40085	Ø 14.3mm	5.1mm	12.7mm
40087	Ø 15.9mm	5.1mm	12.7mm
40089	Ø 17.4mm	5.1mm	12.7mm
40091	Ø 19mm	5.1mm	12.7mm
40093	Ø 20.6mm	5.1mm	12.7mm
40095	Ø 22.2mm	5.1mm	12.7mm
40097	Ø 25.4mm	5.1mm	12.7mm
40099	Ø 28.5mm	5.1mm	12.7mm
40101	Ø 30mm	5.1mm	12.7mm
40103	Ø 31.8mm	5.1mm	12.7mm
40105	Ø 35mm	5.1mm	12.7mm
40107	Ø 38mm	5.1mm	12.7mm



P-clips - Heavy Duty - Nylon 66 - Black

Code	Cable Size	Mounting Hole Diameter	Width
40072	Ø 3.2mm	5.1mm	12.7mm
40074	Ø 4.8mm	5.1mm	12.7mm
40076	Ø 6.4mm	5.1mm	12.7mm
40078	Ø 7.9mm	5.1mm	12.7mm
40080	Ø 9.5mm	5.1mm	12.7mm
40082	Ø 11.1mm	5.1mm	12.7mm
40084	Ø 12.7mm	5.1mm	12.7mm
40086	Ø 14.3mm	5.1mm	12.7mm
40088	Ø 15.9mm	5.1mm	12.7mm
40090	Ø 17.4mm	5.1mm	12.7mm
40092	Ø 19mm	5.1mm	12.7mm
40094	Ø 20.6mm	5.1mm	12.7mm
40096	Ø 22.2mm	5.1mm	12.7mm
40098	Ø 25.4mm	5.1mm	12.7mm
40100	Ø 28.5mm	5.1mm	12.7mm
40102	Ø 30mm	5.1mm	12.7mm
40104	Ø 31.8mm	5.1mm	12.7mm
40106	Ø 35mm	5.1mm	12.7mm
40108	Ø 38mm	5.1mm	12.7mm



P-clips (Sold in bags of 100) – Standard – Nylon 66 – Natural

Code	Cable Size	Mounting Hole Diameter	Width
90053	Ø 4.8mm	5.1mm	9.5mm
90075	Ø 6.4mm	5.1mm	12.7mm
90077	Ø 7.9mm	5.1mm	12.7mm
90079	Ø 9.5mm	5.1mm	12.7mm
90083	Ø 12.7mm	5.1mm	12.7mm
90087	Ø 15.9mm	5.1mm	12.7mm
90095	Ø 22.2mm	5.1mm	12.7mm

P-clips (Sold in bags of 100) – Standard – Nylon 66 – Black

Code	Cable Size	Mounting Hole Diameter	Width
90054	Ø 4.8mm	5.1mm	9.5mm
90056	Ø 6.4mm	5.1mm	9.5mm
90076	Ø 6.4mm	5.1mm	12.7mm
90078	Ø 7.9mm	5.1mm	12.7mm
90080	Ø 9.5mm	5.1mm	12.7mm
90082	Ø 11.1mm	5.1mm	12.7mm
90084	Ø 12.7mm	5.1mm	12.7mm
90088	Ø 15.9mm	5.1mm	12.7mm
90096	Ø 22.2mm	5.1mm	12.7mm

Cable Glands – Standard – Metric Thread – Nylon 66 – Black

Code	Thread Pitch	Min. Cable Size	Max. Cable Size	Mounting Hole Diameter
40621	M12 x 1.5mm	Ø 3mm	Ø 6.5mm	12.5mm
40621Q	M12 x 1.25mm	Ø 3mm	Ø 6.5mm	12.5mm
40622	M16 x 1.5mm	Ø 5mm	Ø 10mm	16.5mm
40623	M20 x 1.5mm	Ø 10mm	Ø 14mm	20.5mm
40569	M25 x 1.5mm	Ø 6mm	Ø 7mm	26mm
40624	M25 x 1.5mm	Ø 13mm	Ø 18mm	26mm
40625	M32 x 1.5mm	Ø 18mm	Ø 25mm	33mm
40626	M40 x 1.5mm	Ø 22mm	Ø 32mm	41mm
40627	M50 x 1.5mm	Ø 31mm	Ø 41mm	50mm
40628	M63 x 1.5mm	Ø 40mm	Ø 46mm	63mm
43000-1-2	M12 x 1.5mm	Ø 4.5mm	Ø 8mm	12.5mm
43003-1-1	M25 x 1.5mm	Ø 13mm	Ø 18mm	26mm
43004-1-1	M32 x 1.5mm	Ø 18mm	Ø 25mm	33mm



NPA Tech Tip

Nylon cable glands are an ideal low-cost gland for situations with rapid temperature shifts and where water resistance is key.

Includes NBR rubber washers and sealing inserts.

Working temperature: -40°C to 100°C.

IP Protection rated at IP68.

Cable Glands – Standard – PG Thread – Nylon 66 – White

Code	Thread Pitch	Min. Cable Size	Max. Cable Size	Mounting Hole Diameter
40624W	M25 x 1.5mm	Ø 13mm	Ø 18mm	26mm
40625W	M32 x 1.5mm	Ø 18mm	Ø 25mm	33mm
40627W	M50 x 1.5mm	Ø 31mm	Ø 41mm	50mm



Cable Glands – Standard – PG Thread – Nylon 66 – Black

Code	Thread Pitch	Min. Cable Size	Max. Cable Size	Mounting Hole Diameter
40601	PG-7	Ø 3mm	Ø 6.5mm	12.5mm
40602	PG-9	Ø 4mm	Ø 8mm	15mm
40603	PG-11	Ø 5mm	Ø 10mm	18.5mm
40604	PG-13.5	Ø 6mm	Ø 12mm	20.5mm
40605	PG-16	Ø 10mm	Ø 14mm	22.5mm
40606	PG 13.5L	Ø 6mm	Ø 12mm	20.5mm



Cable Glands – Extended Thread Length – Nylon 66 – Black

Code	Thread Pitch	Thread Length	Min. Cable Size	Max. Cable Size	Mounting Hole Diameter
40601RL	PG-7	15mm	Ø 3mm	Ø 7mm	12.5mm
40602RL	PG-9	15mm	Ø 4mm	Ø 8.5mm	15mm
40603RL	PG-11	15mm	Ø 5mm	Ø 11mm	18.5mm
40604RL	PG-13.5	15mm	Ø 6mm	Ø 12mm	20.5mm
40605RL	PG-16	15mm	Ø 8mm	Ø 13mm	22.5mm
40621RL	M12 x 1.5mm	15mm	Ø 3mm	Ø 7mm	13mm
40622RL	M16 x 1.5mm	15mm	Ø 4mm	Ø 9mm	16.5mm
40623RL	M20 x 1.5mm	15mm	Ø 6mm	Ø 12mm	20.5mm
40624RL	M25 x 1.5mm	15mm	Ø 11mm	Ø 17mm	26mm
40625RL	M32 x 1.5mm	15mm	Ø 16mm	Ø 21mm	33mm
40626RL	M40 x 1.5mm	18mm	Ø 22mm	Ø 28mm	41mm
40627RL	M50 x 1.5mm	20mm	Ø 32mm	Ø 38mm	50mm
40628RL	M63 x 1.5mm	20mm	Ø 37mm	Ø 44mm	63mm



NPA Tech Tip

Includes NBR rubber washers and sealing inserts.

Working temperature: -40°C to 100°C.

IP Protection rated at IP68.

Cable Glands – Standard – Brass

Code	Thread Pitch	Min. Cable Size	Max. Cable Size	Mounting Hole Diameter
40630	M10 x 1mm	Ø 3mm	Ø 7mm	10.5mm
40631	M12.5 x 1.5mm	Ø 3mm	Ø 7mm	12.5mm
40632	M16 x 1.5mm	Ø 5mm	Ø 8mm	16.5mm
40633	M20 x 1.5mm	Ø 6mm	Ø 12mm	20.5mm
40634	M25 x 1.5mm	Ø 11mm	Ø 14mm	26mm
40635	M32 x 1.5mm	Ø 15mm	Ø 21mm	33mm
40636	M40 x 1.5mm	Ø 22mm	Ø 28mm	41mm
40637	M50 x 1.5mm	Ø 25mm	Ø 32mm	50mm



NPA Tech Tip

Brass cable glands are suitable for consistently high temperature and high pressure environments. Brass glands are less prone to breakage than stainless steel.

Consider using brass glands when dealing with plumbing, gas and power cabling.

Includes NBR rubber washers and sealing inserts.

The clamping claw is Nylon 66.

Working temperature: -40°C to 100°C.

IP Protection rated at IP68.

Cable Glands – Standard – 304 Stainless Steel

Code	Thread Pitch	Thread Length	Min. Cable Size	Max. Cable Size	Mounting Hole Diameter
40549	M32 x 1.5mm	12.5mm	Ø 18mm	Ø 25mm	33mm
40560-1-1-INS	M12 x 1.5mm	8mm	Ø 4.5mm	Ø 7.8mm	12.5mm
40561-1-1-INS	M16 x 1.5mm	8mm	Ø 6mm	Ø 10mm	16.5mm
40562-1-1-INS	M20 x 1.5mm	9.5mm	Ø 9mm	Ø 14mm	20.5mm
40567-1-1-INS	M25 x 1.5mm	12mm	Ø 13mm	Ø 18mm	26mm
40582-1-1-INS	M40 x 1.5mm	15mm	Ø 24mm	Ø 30mm	41mm
40583-1-1-INS	M50 x 1.5mm	15mm	Ø 31mm	Ø 41mm	50mm
40584-1-1-INS	M63 x 1.5mm	15mm	Ø 44mm	Ø 51mm	63mm



NPA Tech Tip

Stainless Steel cable glands are an ideal solution for fixtures which require long-lasting durability and corrosion resistance. Consider Stainless Steel when working with petrochemicals, pharmaceutical equipment and marine engineering.

Includes NBR rubber washers and sealing inserts.

The clamping claw is Nylon 66.

Working temperature: -40°C to 100°C.

IP Protection rated at IP68.

Cable Glands – Multi-Hole – Nylon 66 – Black

Code	Holes	Thread Pitch	Thread Length	Min. Cable Size	Max. Cable Size	Mounting Hole Diameter
10200	3	M16 x 1.5mm	15.5mm	Ø 2mm	Ø 3mm	16.5mm
43003-2-1-INS	2	M25 x 1.5mm	15mm	Ø 2mm	Ø 5mm	26mm
43003-2-2-INS	2	M25 x 1.5mm	15mm	Ø 6mm	Ø 7mm	26mm
43003-2-3-INS	2	M25 x 1.5mm	15mm	Ø 4.5mm	Ø 8.7mm	26mm
43003-3-1-INS	3	M25 x 1.5mm	15mm	Ø 2mm	Ø 5mm	26mm
43003-3-2-INS	3	M25 x 1.5mm	15mm	Ø 4.5mm	Ø 6mm	26mm
43003-3-3-INS	3	M25 x 1.5mm	15mm	Ø 4mm	Ø 8mm	26mm
43003-4-1-INS	4	M25 x 1.5mm	15mm	Ø 2mm	Ø 4mm	26mm
43003-4-2-INS	4	M25 x 1.5mm	15mm	Ø 3.5mm	Ø 7mm	26mm
43003-5-2-INS	2	M25 x 1.5mm	15mm	Ø 3.5mm	Ø 5mm	26mm
43003-5-3-INS	5	M25 x 1.5mm	15mm	Ø 3mm	Ø 6mm	26mm
43004-3-1-INS	3	M32 x 1.5mm	15mm	Ø 5mm	Ø 10mm	33mm



NPA Tech Tip

All NPA cable glands ending with “-INS” and all inserts beginning with “INS-” are compatible with each other.

Includes NBR rubber washers and sealing inserts.

TPE multi-hole inserts are available separately.

Working temperature: -40°C to 100°C.

IP Protection rated at IP68.

Cable Glands – Multi-Hole – 304 Stainless Steel

Code	Holes	Thread Pitch	Thread Length	Min. Cable Size	Max. Cable Size	Mounting Hole Diameter
40567-2-1-INS	2	M25 x 1.5mm	12mm	Ø 2mm	Ø 5mm	26mm
40567-2-2-INS	2	M25 x 1.5mm	12mm	Ø 4.5mm	Ø 8.7mm	26mm
40567-3-1-INS	3	M25 x 1.5mm	12mm	Ø 2mm	Ø 5mm	26mm
40567-3-2-INS	3	M25 x 1.5mm	12mm	Ø 4.5mm	Ø 6mm	26mm
40567-3-3-INS	3	M25 x 1.5mm	12mm	Ø 4mm	Ø 8mm	26mm
40567-4-1-INS	4	M25 x 1.5mm	12mm	Ø 2mm	Ø 5mm	26mm
40567-4-2-INS	4	M25 x 1.5mm	12mm	Ø 3.5mm	Ø 7mm	26mm
40567-5-2-INS	5	M25 x 1.5mm	12mm	Ø 3.5mm	Ø 5mm	26mm
40567-5-3-INS	5	M25 x 1.5mm	12mm	Ø 3mm	Ø 6mm	26mm
40549-2-1-INS	2	M25 x 1.5mm	12.5mm	Ø 5mm	Ø 10mm	26mm
40549-4-1-INS	4	M32 x 1.5mm	12.5mm	Ø 4.5mm	Ø 9mm	33mm
40549-5-1-INS	5	M32 x 1.5mm	12.5mm	Ø 4mm	Ø 8mm	33mm



NPA Tech Tip

All NPA cable glands ending with “-INS” and all inserts beginning with “INS-” are compatible with each other.

Includes NBR rubber washers and sealing inserts.

The clamping claw is Nylon 66.

Working temperature: -40°C to 100°C.

IP Protection rated at IP68.

Cable Gland Multi-Hole Inserts – 2 Holes – NBR – Black

Code	Min. Cable Size	Max. Cable Size	For Thread
INS-43525-2-2	Ø 6mm	Ø 7mm	M25
INS-43525-2-4	Ø 5mm	Ø 6.5mm	M25
INS-43525-2-5	Ø 6.5mm	Ø 8.7mm	M25
INS-43532-2-1	Ø 5mm	Ø 10mm	M32



Cable Gland Multi-Hole Inserts – 3 Holes – NBR – Black

Code	Min. Cable Size	Max. Cable Size	For Thread
INS-43525-3-1	Ø 2mm	Ø 5mm	M25
INS-43525-3-2	Ø 4.5mm	Ø 6mm	M25
INS-43525-3-3	Ø 4mm	Ø 8mm	M25



Cable Gland Multi-Hole Inserts – 4 Holes – NBR – Black

Code	Min. Cable Size	Max. Cable Size	For Thread
INS-43525-4-1	Ø 2mm	Ø 5mm	M25
INS-43525-4-2	Ø 3.5mm	Ø 7mm	M25
INS-43532-4-1	Ø 4.5mm	Ø 9mm	M32



Cable Gland Multi-Hole Inserts – 5 Holes – NBR – Black

Code	Min. Cable Size	Max. Cable Size	For Thread
INS-43525-5-2	Ø 3.5mm	Ø 5mm	M25
INS-43525-5-3	Ø 3mm	Ø 6mm	M25
INS-43532-5-1	Ø 4mm	Ø 8mm	M32



O-Rings - MD - NBR Rubber - Black

Code	Diameter	Internal Hole Diameter	Thickness	For Thread
42631	13mm	9mm	1.9mm	M12
42632	17mm	13.2mm	1.9mm	M16
42633	22mm	18.2mm	1.9mm	M20
42634	26mm	21.2mm	2.4mm	M25
42635	34mm	29.2mm	2.4mm	M32
42636	42mm	37.2mm	2.4mm	M40
42637	50mm	43.8mm	3.1mm	M50
42638	65mm	58.8mm	3.1mm	M63



Cable Gland Blanking Plugs – Black

Code	Mounting Hole Diameter
40590	2.4mm
40591	3.4mm
40592	5mm
40593	6mm
40594	8mm
40622-BP	16.5mm
40623-BP	20mm
40624-BP	25mm
40625-BP	32mm
40626-BP	40mm
40628-BP	63mm



Cable Gland Locknuts – Nylon 66 – Black

Code	Thread Pitch
41621	M12 x 1.5mm
41622	M16 x 1.5mm
41623	M20 x 1.6mm
41624	M25 x 1.5mm
41625	M32 x 1.5mm
41628	M63 x 1.5mm
41626	M40 x 1.5mm
41627	M50 x 1.5mm



Cable Gland Locknuts – Nylon 66 – Grey

Code	Thread Pitch
41628G	M63 x 1.5mm



Cable Gland Locknuts – Nickel Plated Brass

Code	Thread Pitch
40646	M40 x 1.5mm
40642	M16 x 1.5mm
40643	M20 x 1.5mm
40644	M25 x 1.5mm
40645	M32 x 1.5mm
40641	M12 x 1.5mm



Cable Gland Washers – PVC – Black

Code	Thread Pitch	Diameter
40603W	PG-11	26mm
40601W	PG-7	17mm



Cable Gland Plugs – Nylon 66 – Black

Code	Thread Pitch	Thread Length	Head Diameter
40455	M12 x 1.5mm	9mm	16mm



Cable Gland Plugs – Nylon 66 – Grey

Code	Thread Pitch	Thread Length	Head Diameter
40456LG	M16 x 1.5mm	9mm	20mm
40457LG	M20 x 1.5mm	11mm	25mm
40459LG	M32 x 1.5mm	11mm	38mm
40455LG	M12 x 1.5mm	9mm	16mm



Cable Tie Mounts – Clip Mount – Nylon 66 – Natural

Code	Cable Tie Size	Height	Length	Width	Mounting Hole Diameter
M41556	5.59mm x 1.27mm	3.81mm	8.13mm	8.13mm	4.75mm



For our full comprehensive range visit our website. <http://npa.com.au>

Cable Tie Mounts – Clip Mount – Nylon 66 – Black

Code	Cable Tie Size	Height	Length	Width	Mounting Hole Diameter
M41555	5.59mm x 1.27mm	3.81mm	9.65mm	8.13mm	4.75mm



For our full comprehensive range visit our website. <http://npa.com.au>

Cable Tie Mounts – Two Way – Adhesive Base – Nylon 66 – Natural

Code	Height	Length	Width	Mounting Hole Diameter	Cable Tie Size
42523	7mm	9.5mm	15mm	3.5mm	4.8mm
42525	9.8mm	16mm	23mm	5mm	9mm



Cable Tie Mounts – Two Way – Adhesive Base – Nylon 66 – Black

Code	Height	Length	Width	Mounting Hole Diameter	Cable Tie Size
42524	7mm	9.5mm	15mm	3.5mm	4.8mm
42526	11mm	15mm	25mm	5mm	9mm



Cable Tie Mounts – Four Way – Adhesive Base – Nylon 66 – Natural

Code	Height	Length	Width	Cable Tie Width
42513	6.35mm	19mm	19mm	3.6mm
42515	8mm	26.5mm	26.5mm	6mm



For our full comprehensive range visit our website. <http://npa.com.au>

Cable Tie Mounts – Four Way – Non-Adhesive Base – Nylon 66 – Natural

Code	Height	Length	Width	Cable Tie Width
42509	6mm	19mm	19mm	4mm
42511	8mm	26.5mm	26.5mm	6mm



For our full comprehensive range visit our website. <http://npa.com.au>

Cable Tie Mounts – Four Way – Adhesive Base – Nylon 66 – Black

Code	Height	Length	Width	Cable Tie Width
42514	6mm	19mm	19mm	3.6mm
42516	8mm	26.5mm	26.5mm	6mm



For our full comprehensive range visit our website. <http://npa.com.au>

Cable Tie Mounts – Four Way – Non-Adhesive Base – Nylon 66 – Black

Code	Height	Length	Width	Cable Tie Width
42512	8mm	26.5mm	26.5mm	6mm



For our full comprehensive range visit our website. <http://npa.com.au>

Cable Tie Mounts – Push Mount – Nylon 66 – Natural

Code	Mounting Hole Diameter	Cable Tie Size
42520	7mm	5mm



For our full comprehensive range visit our website. <http://npa.com.au>

Cable Tie Mounts – Wall Plug – Nylon 66 – Black

Code	Length	Width	Head Height	Cable Tie Size
42518	37mm	10mm	6.5mm	9.2mm



For our full comprehensive range visit our website. <http://npa.com.au>

Cable Tie Mounts – Two Way – Adhesive Base – Nylon 66 – Natural

Code	Height	Length	Width	Cable Tie Size
42505	6mm	19mm	19mm	4mm



Cable Tie Mounts – Two Way – NonAdhesive – Nylon 66 – Natural

Code	Height	Length	Width	Cable Tie Size
42507	8mm	26.5mm	26.5mm	6mm

For our full comprehensive range visit our website. <http://npa.com.au>

Cable Tie Mounts – Two Way – Adhesive – Nylon 66 – Black

Code	Height	Length	Width	Cable Tie Size
42502	6mm	19mm	19mm	4mm
42504	8mm	26.5mm	26.5mm	6mm



Cable Tie Mounts – Two Way – NonAdhesive – Nylon 66 – Black

Code	Height	Length	Width	Cable Tie Size
42506	6mm	19mm	19mm	4mm
42508	8mm	26.5mm	26.5mm	6mm

Cable Tie Mounts – Screw Mount – Nylon 66 – Black

Code	Height	Length	Width	Mounting Hole Diameter	Cable Tie Size
42522	6mm	20mm	10mm	4.3mm	4.8mm



For our full comprehensive range visit our website. <http://npa.com.au>

Cable Tie Mounts – Screw Mount with Right-Angle Entry – Nylon 66 – Black

Code	Height	Length	Width	Mounting Hole Diameter	Cable Tie Size
42522RA	6mm	20mm	10mm	4.3mm	4.8mm



For our full comprehensive range visit our website. <http://npa.com.au>

Cable Ties (Sold in Bags of 100) - Standard - Nylon 66 - Natural

Code	Length	Width	Tensile Strength
42043	280mm	4.8mm	230N
42047	360mm	4.8mm	230N
42049	390mm	4.8mm	230N
42057	240mm	7.6mm	540N
42061	300mm	7.6mm	540N
42067	450mm	7.8mm	540N
42075	1168mm	9mm	800N
42407	98mm	2.5mm	80N
42419	140mm	3.6mm	180N
42421	150mm	3.6mm	180N
42423	200mm	3.6mm	180N
42435	180mm	3.6mm	180N
42435-E	178mm	4.8mm	230N



Cable Ties (Sold in Bags of 1000) - Standard - Nylon 66 - Natural

Code	Length	Width	Tensile Strength
42001	75mm	2.4mm	80N
42007	98mm	2.5mm	80N
42009	120mm	2.5mm	80N
42011	140mm	2.5mm	80N
42015	200mm	2.5mm	80N
42017	120mm	3.2mm	180N
42019	140mm	3.6mm	180N
42021	150mm	3.6mm	180N
42023	200mm	3.6mm	180N
42025	250mm	3.6mm	180N
42027	290mm	3.6mm	180N
42035	180mm	3.6mm	180N
42037	190mm	4.8mm	230N
42039	200mm	4.8mm	230N



Cable Ties (Sold in bags of 1000) – Standard – Nylon 66 – Black

Code	Length	Width	Tensile Strength
42002	75mm	2.4mm	80N
42008	98mm	2.5mm	80N
42012	140mm	2.5mm	80N
42014	160mm	2.5mm	80N
42016	200mm	2.5mm	80N
42018	120mm	3.2mm	180N
42020	140mm	3.6mm	180N
42022	150mm	3.6mm	180N
42024	200mm	3.6mm	180N
42026	250mm	3.6mm	180N
42028	290mm	3.6mm	180N
42030	370mm	3.6mm	180N
42032	120mm	4.6mm	230N
42034	160mm	4.8mm	230N
42036	180mm	3.6mm	180N
42038	190mm	4.8mm	230N
42040	200mm	4.8mm	230N



Cable Ties (Sold in bags of 100) - Standard - Nylon 66 - Black

Code	Length	Width	Tensile Strength
42042	250mm	4.8mm	230N
42044	280mm	4.8mm	230N
42046	300mm	4.8mm	230N
42048	360mm	4.8mm	230N
42050	390mm	4.8mm	230N
42052	430mm	4.8mm	230N
42056	180mm	7.8mm	540N
42058	240mm	7.6mm	540N
42062	300mm	7.6mm	540N
42066	365mm	7.8mm	540N
42068	450mm	7.8mm	540N
42070	540mm	7.8mm	540N
42072	750mm	9mm	800N
42074	800mm	9mm	800N
42076	1168mm	9mm	800N
42078	230mm	12.6mm	1200N
42082	380mm	12.6mm	1200N
42086	500mm	12.6mm	1200N
42090	720mm	12.6mm	1200N
42092	850mm	12.6mm	1200N
42094	1030mm	12.6mm	1200N
42104	380mm	6.4mm	230N
42107	98mm	2.5mm	80N
42179	180mm	8mm	80N
42408	98mm	2.5mm	80N
42410	250mm	2.5mm	80N
42420	140mm	3.6mm	180N
42421BK	150mm	3.6mm	180N
42424	200mm	3.6mm	180N
42436	180mm	3.6mm	180N

Cable Ties (Sold in bags of 100) - Standard - Nylon 66 - Coloured

Code	Length	Width	Tensile Strength	Colour
42401	98mm	2.5mm	80N	Blue
42402	98mm	2.5mm	80N	Brown
42403	98mm	2.5mm	80N	Red
42404	98mm	2.5mm	80N	Grey
42405	98mm	2.5mm	80N	Green
42406	98mm	2.5mm	80N	Yellow
42421BL	150mm	3.6mm	180N	Blue
42421G	150mm	3.6mm	180N	Green
42421O	150mm	3.6mm	180N	Orange
42421R	150mm	3.6mm	180N	Red
42421V	150mm	3.6mm	180N	Violet
42421Y	150mm	3.6mm	180N	Yellow
42422B	200mm	2.5mm	80N	Blue
42422G	200mm	2.5mm	80N	Green
42422R	200mm	2.5mm	80N	Red
42422Y	200mm	2.5mm	80N	Yellow
42421BN	150mm	3.6mm	180N	Brown
42421PK	150mm	3.6mm	180N	Pink



Cable Ties – Nylon 12 – Black

Code	Length	Width	Tensile Strength
42176	180mm	6mm	222N
42177	290mm	6mm	222N
42178	360mm	6mm	222N
42181	350mm	8mm	534N
42182	132mm	9mm	534N
42183	180mm	9mm	534N
42185	265mm	9mm	534N
42187	360mm	9mm	534N



NPA Tech Tip

Nylon 66 is the most widely used nylon material in commercial environments. We also offer Nylon 12 cable ties.

Nylon 12 is a stronger, more flexible material than Nylon 66.

Nylon 12 is more resistant to a wider range of chemicals than Nylon 66, in particular Zinc salts.

This makes our Nylon 12 cable ties ideal for use in situations such as working with galvanised iron and our range of zinc-plated brass and steel products.

Our Nylon 12 cable ties have a flammability rating of UL94HB.

Nylon 12 and Nylon 66 have equivalent U.V resistance.

Cable Ties – Label Ties – Nylon 66 – Natural

Code	Length	Width	Tensile Strength
42161	100mm	2.5mm	80N
42162	200mm	2.5mm	80N



Code	Length	Width	Tensile Strength
42163	110mm	2.5mm	80N
42164	210mm	2.5mm	80N



Code	Length	Width	Tensile Strength
42165	190mm	4.8mm	230N
42166	270mm	4.8mm	230N



Cable Ties – Security Label – Nylon 66 – Natural

Code	Length	Width	Label Size	Tensile Strength
42117	111mm	2.6mm	8mm x 27mm	80N



Code	Length	Width	Label Size	Tensile Strength
42118	248mm	3.5mm	36 x 19mm	180N



Code	Length	Width	Label Size	Tensile Strength
42119	400mm	4.8mm	36 x 19mm	230N



Cable Ties – Arrowhead Push Mount – Nylon 66 – Natural

Code	Length	Width	Mounting Hole Diameter	Tensile Strength
42167	150mm	3.5mm	5.2mm	180N
42168	200mm	4.8mm	6.3mm	230N



Cable Ties – Arrowhead Push Mount – Nylon 66 – Black

Code	Length	Width	Mounting Hole Diameter	Tensile Strength
42168B	200mm	4.8mm	6.3mm	230N



Cable Ties – Releasable – Nylon 66 – Natural

Code	Length	Width	Tensile Strength
42201	100mm	3.5mm	80N
42203	150mm	4.8mm	230N
42205	200mm	4.8mm	230N
42207	250mm	4.8mm	230N
42209	300mm	4.8mm	230N
42211	370mm	4.8mm	230N



Cable Ties – Releasable – Nylon 66 – Black

Code	Length	Width	Tensile Strength
42202	100mm	3.5mm	80N
42204	150mm	4.8mm	230N
42206	200mm	4.8mm	230N
42208	250mm	4.8mm	230N
42210	300mm	4.8mm	230N
42212	370mm	4.8mm	230N



Cable Ties – Releasable – Heavy Duty – Nylon 66 – Natural

Code	Length	Width	Tensile Strength
42223	200mm	7.5mm	540N
42225	250mm	7.5mm	540N
42227	300mm	7.5mm	540N



Cable Ties – Releasable – Heavy Duty – Nylon 66 – Black

Code	Length	Width	Tensile Strength
42220	125mm	7.5mm	540N
42222	150mm	7.5mm	540N
42224	200mm	7.5mm	540N
42226	250mm	7.5mm	540N



Cable Ties – Screw Mount – Nylon 66 – Natural

Code	Length	Width	Mounting Hole Diameter	Tensile Strength
42151	150mm	3.6mm	4.5mm	180N
42152	110mm	2.5mm	3.2mm	80N
42153	170mm	3.6mm	5mm	180N
42154	160mm	3.2mm	4mm	180N
42155	220mm	4.2mm	5.5mm	230N
42156	300mm	4.8mm	4.8mm	230N
42157	315mm	7.8mm	6.2mm	540N
42158	370mm	4.8mm	4.8mm	230N
42159	410mm	7.9mm	6.2mm	540N



Cable Ties – Screw Mount – Nylon 66 – Black

Code	Length	Width	Mounting Hole Diameter	Tensile Strength
42152B	110mm	2.5mm	3.2mm	80N
42154B	160mm	3.2mm	4mm	180N
42157B	305mm	7.6mm	6.2mm	540N



Cable Ties(Sold in bags of 1000) – Releasable – Nylon 66

Code	Length	Width	Colour
42561	180mm	2.9mm	Natural
42562	280mm	3.8mm	Natural
42558	100mm	2.2mm	Natural
42559	120mm	2.4mm	Natural
42560	150mm	2.9mm	Natural
42570	230mm	3.8mm	Natural
42561B	180mm	2.9mm	Black



NPA Tech Tip

NPA's range of Nylon 66 cable ties are suitable in environments from -40°C to 85°C.

For short durations a temperature of up to 110°C is tolerable. We also carry a range of high temperature rated cable ties for specialised applications.

Flammability Rating: UL94-V2

Underwriters Laboratories: File E258930 based on standard UL62275

TUV Approval: EN62275:2015

Our cable ties are compliant with REACH, RoHS and PAHs.

Cable Ties – Value Packs – Nylon 66

Code	Colour
42105	100 x Natural (98mm x 2.5mm) 100 x Black (98 x 2.5mm) 50 x Natural (200mm x 4.8mm) 25 x Red (200mm x 4.8mm) 25 x Blue (200m x 4.8mm)



Code	Colour
42106	200 x Neon Pink, Neon Orange & Neon Green (98mm x 2.5mm) 100 x Neon Pink, Neon Orange & Neon Green (150mm x 3.6mm) 100 x Neon Pink, Neon Orange & Neon Green (200mm x 4.8mm)



Cable Ties – Hook & Loop

Code	Length	Width	Colour
42190BE	125mm	12mm	Blue
42190BK	125mm	12mm	Black
42190GN	125mm	12mm	Green
42190RD	125mm	12mm	Red
42191BE	135mm	12mm	Blue
42191BK	135mm	12mm	Black
42191GN	135mm	12mm	Green
42191RD	135mm	12mm	Red
42192BE	180mm	12mm	Blue
42192BK	180mm	12mm	Black
42192GN	180mm	12mm	Green
42192RD	180mm	12mm	Red
42193BE	210mm	16mm	Blue
42193BK	210mm	16mm	Black
42193GN	210mm	16mm	Green
42193RD	210mm	16mm	Red
42194BE	310mm	16mm	Blue
42194BK	310mm	16mm	Black
42194GN	310mm	16mm	Green
42194RD	310mm	16mm	Red



Cable Ties – Ball Lock – 304 Stainless Steel

Code	Length	Width	Tensile Strength
42701	130mm	4.6mm	450N
42702	200mm	4.6mm	450N
42703	200mm	7.9mm	450N
42704	360mm	4.6mm	450N
42705	360mm	7.9mm	450N
42706	520mm	4.6mm	450N
42707	520mm	7.9mm	450N
42708	680mm	7.9mm	450N



NPA Tech Tip

304 stainless steel is the most commonly used stainless steel alloy around the world.

With a melting point around 1400°C and a tensile strength of 90ksi, stainless steel cable ties provide durability and strength for extended periods even under constant U.V. radiation exposure.

316 stainless steel is an alloy featuring 16% chromium, 10% nickel and 2% molybdenum.

316 stainless steel features greater resistance to corrosion from acids, and bases, making our cable ties ideal for situations where sterilisation is required. Salty and marine environments are also suitable uses for 316 stainless steel cable ties.

Cable Ties – Ball Lock – 316 Stainless Steel

Code	Length	Width	Tensile Strength
98000	100mm	4.6mm	981N
98001	150mm	4.6mm	981N
98002	200mm	4.6mm	981N
98003	250mm	4.6mm	981N
98004	300mm	4.6mm	981N
98046	100mm	7.9mm	2157N
98047	150mm	7.9mm	2157N
98048	200mm	7.9mm	2157N
98049	250mm	7.9mm	2157N
98050	300mm	7.9mm	2157N
98102	600mm	10mm	2746N



Cable Ties – Ball Lock – PVC Coated 316 Stainless Steel

Code	Length	Width	Tensile Strength
98000C	100mm	4.6mm	981N
98001C	150mm	4.6mm	981N
98002C	200mm	4.6mm	981N
98003C	250mm	4.6mm	981N
98004C	300mm	4.6mm	981N
98005C	350mm	4.6mm	981N
98046C	100mm	7.9mm	2157N
98047C	150mm	7.9mm	2157N
98048C	200mm	7.9mm	2157N
98049C	250mm	7.9mm	2157N
98050C	300mm	7.9mm	2157N



Cable Ties - Ladder - 316 Stainless Steel

Code	Length	Width	Tensile Strength
98161	100mm	6.9mm	1112N
98163	200mm	6.9mm	1112N
98197	100mm	12mm	1112N
98199	200mm	12mm	1112N



Cable Ties - Ladder - PVC Coated 316 Stainless Steel

Code	Length	Width	Tensile Strength
98161C	100mm	6.9mm	1112N
98163C	200mm	6.9mm	1112N
98197C	100mm	12mm	1112N
98199C	200mm	12mm	1112N



Cable Ties – Universal Clamping – 316 Stainless Steel

Code	Length	Width
98540	300mm	10mm
98542	400mm	10mm
98575	300mm	15mm
98577	400mm	15mm



Cable Ties – Wing Lock – 316 Stainless Steel

Code	Length	Width
98291	300mm	6.4mm
98287	100mm	6.4mm
98289	200mm	6.4mm



Cable Tie Buckle – Toothed – 316 Stainless Steel

Code	Width	Thickness
98673	12.7mm	Up to 1.2mm



Cable Tie Banding – 316 Stainless Steel

Code	Width	Thickness	Length
98651	12.7mm	0.3mm	30m
98651-12	12mm	0.3mm	30m



Cable Tie Marker Plates – 316 Stainless Steel

Code	Length	Width	Thickness
98680	89mm	10mm	0.25mm



Code	Length	Width	Thickness
98681	89mm	10mm	0.5mm



Code	Length	Width	Thickness
98682	89mm	19mm	0.4mm



Code	Length	Width	Thickness
98683	89mm	19mm	0.5mm



End Caps - Vinyl - Black

Code	Diameter	Internal Hole Diameter	Length
41902	5mm	5mm	5mm
41904	3.2mm	3.2mm	12mm
41905	4mm	4mm	8mm
41906	5mm	5mm	12mm
41907	6mm	6mm	10mm
41908	6.3mm	6.3mm	12mm
41909	7.5mm	7.5mm	8mm
41910	8mm	8mm	9.5mm
41911	9.5mm	9.5mm	12mm
41912	11mm	11mm	13mm
41913	12mm	12mm	16mm
41914	14mm	14mm	38mm
41915	18mm	18mm	13mm
41917	16mm	16mm	12mm
41918	19mm	19mm	19mm
41920	35mm	35mm	38mm
41921	20.5mm	20.5mm	19mm
41922	9mm	9mm	25mm
41923	3mm	3mm	5mm
41924	4mm	4mm	12mm



End Caps – Vinyl – Black (cont.)

Code	Diameter	Internal Hole Diameter	Length
41926	5mm	5mm	13mm
41927	6mm	6mm	13mm
41928	7mm	7mm	25mm
41929	8mm	8mm	38mm
41930	12mm	12mm	38mm
41932	20mm	20mm	63mm
41933	24mm	24mm	63mm
41934	48mm	48mm	38mm
41937	12mm	12mm	13mm
41938	11mm	11mm	16mm
41939	9mm	9mm	13mm
41940	14mm	14mm	25mm
41941	18mm	18mm	38mm
41942	20mm	20mm	38mm
41943	22mm	22mm	38mm
41944	4.8mm	4.8mm	25mm
41945	19mm	19mm	38mm
41946	50mm	50mm	38mm
41947	18mm	18mm	19mm
41948	22mm	22mm	19mm
41949	15mm	15mm	12mm
41951	2.9mm	2.9mm	13mm
41952	8mm	8mm	25mm
41953	4.75mm	4.75mm	25mm
41955	25mm	25mm	25mm

End Caps – Vinyl – Red

Code	Diameter	Internal Hole Diameter	Length
41919R	19mm	19mm	50mm
41916R	12mm	12mm	12mm
41923R	3mm	3mm	5mm
41939R	9mm	9mm	13mm



End Caps – Vinyl – Royal Blue

Code	Diameter	Internal Hole Diameter	Length
41935RB	12mm	12mm	10mm



End Caps - Vinyl - Grey

Code	Diameter	Internal Hole Diameter	Length
41903G	4mm	4mm	8mm

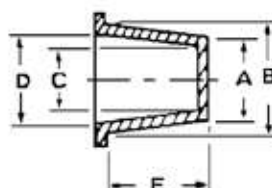
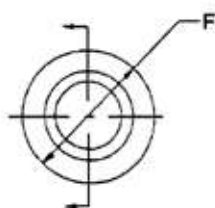


End Caps - Vinyl - White

Code	Diameter	Internal Hole Diameter	Length
41950W	2.9mm	2.9mm	13mm



Taper Caps – Low Density Polyethylene (LDPE) – Red



Code	A	B	C	D	E	F
41852	3.68	5.21	2.01	3.81	9.65	10.42mm
41853	4.39	6.10	2.82	4.50	9.65	9.65mm
41855	5.31	6.76	3.76	5.38	8.81	11.05mm
41856	5.99	7.67	4.42	6.10	9.65	11.18mm
41857	7.59	9.27	5.97	7.67	9.65	12.7mm
41858	8.38	10.06	6.78	8.46	9.65	13.46mm
41859	9.17	10.85	7.57	9.27	9.65	14.22mm
41860	10.64	12.32	9.04	10.72	9.65	16mm
41861	11.96	13.89	10.39	12.32	11.18	17.53mm
41862	13.51	15.44	11.89	13.84	11.18	19.05mm
41863	13.97	16.03	12.37	14.43	11.94	19.05mm
41864	14.73	16.94	13.16	15.37	12.70	20.57mm
41865	16.26	18.47	14.68	16.87	12.70	22.35mm
41866	17.53	20.02	15.95	18.44	14.22	23.88mm
41867	19.05	21.54	17.45	19.94	14.22	25.4mm
41868	22.02	24.66	20.50	23.11	18.16	28.7mm
41869	24.49	27.69	22.89	26.09	19.05	31.75mm
41870	27.89	30.91	26.31	29.34	17.98	38.02mm
41871	29.85	32.61	28.27	31.04	16.00	36.58mm
41872	9.91	11.58	8.31	10.01	9.65	14.99mm
41873	20.70	23.62	19.13	22.05	16.00	27.69mm
41874	50.34	53.72	48.23	51.41	24.46	56.13mm

End Caps – Chair – Rubber – Black

Code	Profile	Height	Chair Leg Diameter
41782	Conical	29mm	19mm
41783	Conical	38mm	25mm



End Caps – Pipe – HDPE – Black

Code	Thread Pitch	Thread Length	Diameter
40503	BSP ¼"	11.9mm	7.9mm



Heatshrink End Caps – Polyethylene – Black

Code	Min. Cable Size	Max. Cable Size	Expanded Diameter	Recovered Diameter	Length	Thickness
40290	Ø 4mm	Ø 8mm	12mm	4mm	33mm	2mm
40291	Ø 8mm	Ø 16mm	20mm	7.5mm	55mm	2.3mm
40293	Ø 15mm	Ø 35mm	40mm	15mm	90mm	3mm
40294	Ø 25mm	Ø 47mm	55mm	25mm	135mm	3.3mm
40295	Ø 35mm	Ø 68mm	75mm	35mm	150mm	3.3mm
40296	Ø 45mm	Ø 90mm	100mm	45mm	160mm	3.8mm
40297	Ø 64mm	Ø 120mm	130mm	63mm	130mm	3.3mm



Ratchet Caps – Zinc Plated Brass

Code	Diameter	Height	Shaft Size
12101	15.5mm	7mm	6mm
12100	22mm	9mm	12.7mm



NPA Tech Tip

End caps not only protect your product during finishing, shipping, and storage, but they can also function as masking caps, preventing unwanted contamination or material build-up in exposed openings during finishing work such as painting, powder coating, anodizing, plating, or e-coating.

Tapered caps are ideal for fitting snugly into a range of diameters or depths, providing a secure closure, particularly over externally threaded holes.

Our vinyl end caps are RoHS compliant.

Ratchet caps easily fit and lock into place for a secure fit.

Automotive Blade Fuse – Tin-Plated Zinc – Black

Code	Voltage Rating	Current Rating	Height	Length	Width
ATO1	32VDC	1A	12.19mm	19.05mm	5.08mm



Mini Fuse – Tin-Plated Zinc

Code	Voltage Rating	Current Rating	Length	Height	Width	Colour
36210	32Vdc	2A	10.9mm	8.8mm	3.8mm	Grey
36211	32Vdc	3A	10.9mm	8.8mm	3.8mm	Violet
36212	32Vdc	4A	10.9mm	8.8mm	3.8mm	Pink
36213	32Vdc	5A	10.9mm	8.8mm	3.8mm	Tan
36214	32Vdc	7.5A	10.9mm	8.8mm	3.8mm	Brown
36215	32Vdc	10A	10.9mm	8.8mm	3.8mm	Red
36216	32Vdc	15A	10.9mm	8.8mm	3.8mm	Blue
36217	32Vdc	20A	10.9mm	8.8mm	3.8mm	Yellow
36218	32Vdc	25A	10.9mm	8.8mm	3.8mm	Natural
36219	32Vdc	30A	10.9mm	8.8mm	3.8mm	Green



Glass Fuse – 3AG – Fast Blow

Code	Voltage Rating	Current Rating	Length	Diameter
36101	250V	100mA	31.8mm	6.3mm
36102	250V	250mA	31.8mm	6.3mm
36103	250V	500mA	31.8mm	6.3mm
36104	250V	1A	31.8mm	6.3mm
36106	250V	2A	31.8mm	6.3mm
36107	250V	3A	31.8mm	6.3mm
36108	250V	5A	31.8mm	6.3mm
36109	250V	6A	31.8mm	6.3mm
36110	250V	10A	31.8mm	6.3mm



Glass Fuse – M205 – Fast Blow

Code	Voltage Rating	Current Rating	Length	Diameter
36050	250V	100mA	20mm	5mm
36051	250V	250mA	20mm	5mm
36052	250V	500mA	20mm	5mm
36053	250V	1A	20mm	5mm
36055	250V	2A	20mm	5mm
36056	250V	3.15A	20mm	5mm
36057	250V	5A	20mm	5mm
36058	250V	6.3A	20mm	5mm
36059	250V	10A	20mm	5mm



Heatshrink (Sold by metre) – Normal Wall – Polyethylene – Black

Code	Expanded Diameter	Recovered Diameter	Reel Size
60037B	1.5mm	0.65mm	200m
60039B	2.5mm	1mm	200m
60041B	3.5mm	1.5mm	200m
60042B	4mm	1.75mm	200m
60044B	5mm	2.25mm	100m
60047B	6.5mm	3mm	100m
60050B	8.5mm	4mm	100m
60051B	9.5mm	4.5mm	100m
60054B	12.5mm	6mm	100m
60060B	19mm	9mm	100m
60063B	26mm	12.5mm	50m
60174B	38mm	19mm	50m
60175B	50mm	25mm	25m



NPA Tech Tip

NPA Normal Wall and Thin Wall Heatshrink have a 2:1 shrink ratio.

Suitable operating temperatures range from -55°C to 125°C.

Our range of Thin Wall Heatshrink are roughly half the thickness of our Normal Wall range. Thin walls are suitable for low voltage applications where highly flexible wiring is necessary.

Thicker wall heatshrink trades off flexibility for durability. Use our Normal Wall range when there is a greater risk of cuts and impacts on the cable.

Heatshrink (Sold by metre) – Normal Wall – Polyethylene – White

Code	Expanded Diameter	Recovered Diameter	Reel Size
60041W	3.5mm	1.5mm	200m
60044W	5mm	2.25mm	100m
60047W	6.5mm	3mm	100m
60051W	9.5mm	4.5mm	100m
60054W	12.5mm	6mm	100m
60060W	19mm	9mm	100m
60063W	26mm	12.5mm	50m



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Heatshrink (Sold by metre) – Normal Wall – Polyethylene – Clear

Code	Expanded Diameter	Recovered Diameter	Reel Size
60037C	1.5mm	0.65mm	200m
60039C	2.5mm	1mm	200m
60041C	3.5mm	1.5mm	200m
60044C	5mm	2.25mm	100m
60047C	6.5mm	3mm	100m
60051C	9.5mm	4.5mm	100m
60054C	12.5mm	6mm	100m
60060C	19mm	9mm	100m
60063C	26mm	12.5mm	50m



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Heatshrink (Sold by metre) – Normal Wall – Polyethylene – Red

Code	Expanded Diameter	Recovered Diameter	Reel Size
60037R	1.5mm	0.65mm	200m
60039R	2.5mm	1mm	200m
60041R	3.5mm	1.5mm	200m
60042R	4mm	2mm	200m
60044R	5mm	2.25mm	100m
60047R	6.5mm	3mm	100m
60051R	9.5mm	4.5mm	100m
60054R	12.5mm	6mm	100m
60060R	19mm	9mm	100m
60063R	26mm	12.5mm	50m



NPA Tech Tip

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Heatshrink (Sold by metre) – Normal Wall – Polyethylene – Blue

Code	Expanded Diameter	Recovered Diameter	Reel Size
60039BL	2.5mm	1mm	200m
60041BL	3.5mm	1.5mm	200m
60044BL	5mm	2.25mm	100m
60047BL	6.5mm	3mm	100m
60051BL	9.5mm	4.5mm	100m
60054BL	12.5mm	6mm	100m
60060BL	19mm	9mm	100m
60063BL	26mm	12.5mm	50m



NPA Tech Tip

NPA Normal Wall and Thin Wall Heatshrink have a 2:1 shrink ratio.

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Heatshrink (Sold by metre) – Thin Wall – Polyethylene

Code	Expanded Diameter	Recovered Diameter	Reel Size	Colour
60068B	3.4mm	1.5mm	100m	White
60068W	3.4mm	1.5mm	100m	White
60073B	6.5mm	3mm	100m	Black
60073R	6.5mm	3mm	100m	Red
60073W	6.5mm	3mm	100m	Yellow
60073Y	6.5mm	3mm	100m	Yellow
60073BL	6.5mm	3mm	100m	Blue
60073GN	6.5mm	3mm	100m	Green
60076B	9.5mm	4.5mm	100m	Black
60076R	9.5mm	4.5mm	100m	Red
60076W	9.5mm	4.5mm	100m	White
60076BL	9.5mm	4.5mm	100m	Blue
60076GN	9.5mm	4.5mm	100m	Green
60077C	10mm	5mm	100m	Clear
60079W	12.5mm	6mm	100m	White
60079BL	12.5mm	6mm	100m	Blue



Heatshrink (On Reel) – Normal Wall – Polyethylene – Black

Code	Expanded Diameter	Recovered Diameter	Reel Size	Shrink Ratio
60037B-15mt	1.5mm	0.65mm	15m	2:1
60039B-15mt	2.5mm	1mm	15m	2:1
60041B-10mt	3.5mm	1.5mm	10m	2:1
60042B-10mt	4mm	1.75mm	10m	2:1
60044B-10mt	5mm	2.25mm	10m	2:1
60047B-5mt	6.5mm	3mm	5m	2:1
60050B-5mt	8.5mm	4mm	5m	2:1
60051B-5mt	9.5mm	4.5mm	5m	2:1
60054B-5mt	12.5mm	6mm	5m	2:1
60060B-2mt	19mm	9mm	2m	2:1
60063B-2mt	26mm	12.5mm	2m	2:1



NPA Tech Tip

NPA Normal Wall and Thin Wall Heatshrink have a 2:1 shrink ratio.

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Heatshrink (Sold by metre) – Glue Lined – Polyethylene –Black

Code	Expanded Diameter	Recovered Diameter	Adhesive Thickness	Shrink Ratio
60088	3.2mm	1mm	0.4mm	4:1
60089	4.8mm	1.6mm	0.4mm	4:1
60090	6.4mm	2mm	0.5mm	4:1
60092	9.5mm	3.2mm	0.5mm	4:1
60093	12.7mm	4.2mm	0.6mm	4:1
60095	19.1mm	6.3mm	0.4mm	4:1
60096	25.4mm	8.5mm	0.6mm	4:1
60098	39mm	13.5mm	0.6mm	4:1
60108	12mm	3mm	0.5mm	4:1
60111	24mm	6mm	0.6mm	4:1



NPA Tech Tip

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Thicker wall heatshrink trades off flexibility for durability. Use our Normal Wall range when there is a greater risk of cuts and impacts on the cable.

Heatshrink End Caps – Polyethylene – Black

Code	Min. Cable Size	Max. Cable Size	Expanded Diameter	Recovered Diameter	Length	Thickness
40290	4mm	8mm	12mm	4mm	33mm	2mm
40291	8mm	16mm	20mm	7.5mm	55mm	2.3mm
40293	15mm	35mm	40mm	15mm	90mm	3mm
40294	25mm	47mm	55mm	25mm	135mm	3.3mm
40295	35mm	68mm	75mm	35mm	150mm	3.3mm
40296	45mm	90mm	100mm	45mm	160mm	3.8mm
40297	64mm	120mm	130mm	63mm	130mm	3.3mm



Hole Plugs – Tube – Round – Matte – HDPE – Black

Code	Diameter
51750	10mm
51751	15mm
51752	20mm
51753	25mm
51767	30mm
51754	35mm
51755	40mm
51756	50mm
51757	60mm

Code	Diameter
51761	½"
51765	1"
51772	2"
51774	3"
51768	1 ¼"
51770	1 ½"
51763	¾"
51762	5/8"
51766	1 1/8"
51771	1 3/4"
51769	1 3/8"
51764	7/8"



Hole Plugs - Tube - Round - Glossy - HDPE - White

Code	Diameter
41764W	7/8"



For our full comprehensive range visit our website. <http://npa.com.au>

Hole Plugs - Tube - Round - Glossy - HDPE - Black

Code	Diameter
41774	3"
41762	5/8"



Hole Plugs – Tube – Square – Matte – HDPE – Black

Code	Length	Width
51730	10mm	10mm
51731	15mm	15mm
51713	20mm	20mm
51732	25mm	25mm
51716	30mm	30mm
51733	35mm	35mm
51720	40mm	40mm
51735	50mm	50mm

Code	Length	Width
51710	½"	½"
51711	5/8"	5/8"
51712	¾"	¾"
51714	7/8"	7/8"
51715	1"	1"
51717	1 ¼"	1 ¼"
51718	1 ½"	1 ½"
51719	2"	2"



Hole Plugs - Tube - Square - Glossy - HDPE - Black

Code	Length	Width
41711	5/8"	5/8"
41713	20mm	20mm
41714	7/8"	7/8"
41718	1 1/2"	1 1/2"
41719	2"	2"
41720	40mm	40mm



Hole Plugs - Tube - Square - Glossy - HDPE - White

Code	Length	Width
41713W	20mm	20mm



For our full comprehensive range visit our website. <http://npa.com.au>

Hole Plugs – Tube – Rectangular – Matte – HDPE – Black

Code	Length	Width
51740	½"	1"
51741	¾"	1 ⅜"
51742	1"	1 ½"
51743	20mm	50mm
51744	25mm	50mm



Hole Plugs – Tube – Rectangular – Glossy – HDPE – Black

Code	Length	Width
41740	½"	1"
41741	¾"	1 ⅜"
41742	1"	1 ½"



Snap Bushings – Nylon 66 – Black

Code	Mounting Hole Diameter	Panel Thickness
41003	40mm	3.2mm



For our full comprehensive range visit our website. <http://npa.com.au>

Universal Bushings – Nylon 66 – Black

Code	Internal Hole Diameter	Mounting Hole Diameter	Panel Thickness
41001	22.2mm	32mm	3.1mm



For our full comprehensive range visit our website. <http://npa.com.au>

Grommet Strips (Sold by 30m Roll) – Serrated – Polyurethane – Black

Code	Height	Width	Panel Thickness
2170	5mm	3.4mm	1.46mm



For our full comprehensive range visit our website. <http://npa.com.au>

NPA Tech Tip

Grommet Strips are ideal for protecting panel edges from being damaged. These flexible channels can be used as wear strips, non-abrasive edging, noise-reducing conveyor strips, framing, or to protect whatever's passing through a hole from sharp edges.

Grommet Strips are available in 30m rolls, but can be cut to desired lengths as needed. Available in black or natural color, these rolls are serrated which is ideal for round, square or rectangular openings.

For unserrated strips ideal for straight edges and adhesive lined strips, visit our website or talk to our sales team at sales@npa.com.au

Grommets - Blanking - Round - PVC - Black

Code	Mounting Hole Diameter	Diameter	Panel Thickness	Height
40720	20mm	23mm	1.5mm	6.5mm
40721	25mm	31mm	1.5mm	8mm
40722	6mm	8.5mm	1.7mm	4.7mm
40723	7.2mm	10.2mm	1.7mm	4.4mm
40724	10mm	13.3mm	1.7mm	6.3mm
40725	13.9mm	19.5mm	3.4mm	6.4mm
40726	31.7mm	38.1mm	1.5mm	7.8mm
40727	19.6mm	23.9mm	2mm	8mm



Hole Plugs - Dome - Nylon 66 - Black

Code	Mounting Hole Diameter	Panel Thickness
41004	40mm	3.2mm
41012	30mm	3.2mm



For our full comprehensive range visit our website. <http://npa.com.au>

Grommets - Blanking - Oval - Rubber - Black

Code	Mounting Hole Diameter	Panel Thickness	Internal Dimensions	Length	Width	Height
40728	13mm x 27mm	3mm	10mm x 25mm	15mm	30mm	10mm



Grommets - Blanking - Oval - Rubber - White

Code	Mounting Hole Diameter	Panel Thickness	Internal Dimensions	Length	Width	Height
40729	13mm x 27mm	3mm	10mm x 25mm	15mm	30mm	10mm



Grommets – Standard – Rubber – Black

Code	Mounting Hole Diameter	Panel Thickness	Diameter	Internal Hole Diameter	Height
40703	33.3mm	1.6mm	42.9mm	19mm	8mm



For our full comprehensive range visit our website. <http://npa.com.au>

Grommets – Standard – PVC – Black

Code	Mounting Hole Diameter	Panel Thickness	Diameter	Internal Hole Diameter	Height
40710	6mm	1.7mm	8.5mm	3mm	4.7mm
40711	7.2mm	1.7mm	10.2mm	5mm	4.4mm
40712	10mm	1.7mm	13.3mm	6.4mm	6.3mm
40713	20mm	1.5mm	23mm	15mm	6.5mm
40714	25mm	1.5mm	31mm	18mm	8mm
40715	31.7mm	1.5mm	38mm	25mm	7.8mm
40716	13.9mm	3.4mm	19.5mm	10.5mm	6.4mm



For our full comprehensive range visit our website. <http://npa.com.au>

Grommets - Push-Through - Rubber - Black

Code	Diameter	Push-Through Hole Diameter	Panel Thickness	Height
40708	32.4mm	10mm	5.2mm	9.7mm



Grommets - Blind Centre Flange - Rubber - Black

Code	Mounting Hole Diameter	Diameter	Panel Thickness	Height
40702	19mm	25.4mm	1.6mm	6.4mm
40704	31.8mm	38.1mm	1.6mm	8mm



Hole Plugs - Threaded - Nylon 66 - Black

Code	Thread Pitch	Thread Length	Head Diameter	Height
40456	M16 x 1.5mm	6mm	20mm	10.5mm
40457	M20 x 1.5mm	6mm	24mm	10.5mm
40458	M25 x 1.5mm	7.8mm	29.7mm	12.8mm
40459	M32 x 1.5mm	7.8mm	36.6mm	13.3mm
40460	M40 x 1.5mm	7.8mm	45.8mm	13.4mm
40461	M50 x 1.5mm	9.8mm	55.5mm	16.2mm
40462	M63 x 1.5mm	11.8mm	69.3mm	17.5mm



Hole Plugs - Threaded - Brass

Code	Thread Pitch	Thread Length	Head Nut Size	Height
41454	M10 x 1.5mm	5mm	12mm	8mm
41455	M12 x 1.5mm	5mm	14mm	8mm
41456	M16 x 1.5mm	6mm	18mm	9mm
41457	M20 x 1.5mm	7mm	23mm	10mm
41458	M25 x 1.5mm	7mm	28mm	10mm
41459	M32 x 1.5mm	8mm	35mm	12mm
41460	M40 x 1.5mm	9mm	44mm	15mm
41461	M50 x 1.5mm	10mm	54mm	16mm
41462	M63 x 1.5mm	10mm	68mm	16mm



PCB Card Guides - Nylon 66 - Natural

Code	Panel Thickness	Mounting Hole Diameter	Length	Peg Spacing
10186	1.2mm - 1.9mm	4.75mm	163.6mm	139.4mm



For our full comprehensive range visit our website. <http://npa.com.au>

CR2032 Coin Cell Batteries

Code	Supplier	Material
36530N	NPA	Lithium



Adhesive Tape – Double-Sided

Code	Width	Length	Thickness
47108	8mm	100m	0.5mm
47112	12mm	100m	0.5mm
47114	14mm	100m	0.5mm
47118	18mm	100m	0.5mm
47123	23mm	100m	0.5mm



Adhesive Tape – Double-Sided – With Foam

Code	Width	Length	Thickness
47208	8mm	50m	1mm
47213	13mm	50m	1mm
47218	18mm	50m	1mm
47223	23mm	50m	1mm



IEC Connectors – Black

Code	Voltage Rating	Current Rating	Mounting Type	Tab Size & Style	Other Information
31674	250VAC	10A	Push In	4.8mm Quick Disconnect / Solder	With Fuse Holder and Power Switch
31676	250VAC	10A	Screw In	6.3mm Quick Disconnect	
31677	250VAC	10A	Screw In	4.8mm Quick Disconnect / Solder	
31678	250VAC	10A	Screw In	2.5mm Solder	
31681	250VAC	10A	Push In	6.3mm Quick Disconnect	
31682	250VAC	10A	Push In	4.8mm Quick Disconnect / Solder	
31683	250VAC	10A	Push In	2.5mm Solder	
31684	250VAC	10A	Screw In	6.3mm Quick Disconnect	
31687	250VAC	10A	Screw In	4.8mm Quick Disconnect / Solder	With Fuse Holder
31688	250VAC	10A	Screw In	4.8mm Quick Disconnect / Solder	
31689	250VAC	10A	Screw In	2.5mm Solder	



NEMA-15 Connectors – Black

Code	Voltage Rating	Current Rating	Mounting Type	Tab Style
31675	125VAC	13A / 15A	Push In	AWG 14 V Slot Feed Through
31679	125VAC	15A	Push In	4.8mm Quick Disconnect / Solder
31680	125VAC	15A	Push In	AWG 14 V Slot



Busbar Insulators – Threaded – Fibreglass Polymer – Red

Code	Thread Pitch	Voltage Rating	Weight
10491	M6	6KV	28g



Tactile Switch – Top Actuating – Surface Mount (SMT)

Code	Height	Width	Length	Diameter
32000	5.1mm	1.6mm	6.4mm	2mm



More options available on request. Contact us at sales@npa.com.au

Machine Screws – Cheese Head – Slotted – Nylon 66 – Natural

Code	Thread	Thread Length	Diameter	Height
V50M040070D010	M4 x 0.7mm	10mm	7mm	2.6mm
V50M050080D008	M5 x 0.8mm	8mm	8.5mm	3.3mm
V50M050080D025	M5 x 0.8mm	25mm	8.36mm	3.12mm
V50M050080D030	M5 x 0.8mm	30mm	8.36mm	3.12mm
V50M050080D040	M5 x 0.8mm	40mm	8.36mm	3.12mm



For our full comprehensive range visit our website. <http://npa.com.au>

Machine Screws – Pan Head – Phillips – Nylon 66 – Natural

Code	Thread	Thread Length	Diameter	Height
V50M040070P010	M4 x 0.7mm	10mm	8mm	3.1mm
V50M030050P005	M3 x 0.5mm	5mm	5.46mm	1.91mm



For our full comprehensive range visit our website. <http://npa.com.au>

Machine Screws – Hex Head – Unslotted – Nylon 66 – Natural

Code	Thread	Thread Length	Height
V50M050080J012	M5 x 0.8mm	12mm	2.8mm
V50M060100J012	M6 x 1mm	12mm	4.7mm
V50M060100J030	M6 x 1mm	30mm	4.7mm
V50M080125J050	M8 x 1.25mm	50mm	5.6mm
V50M060100J020	M6 x 1mm	20mm	4.7mm



For our full comprehensive range visit our website. <http://npa.com.au>

Machine Screws – Hex Head – Unslotted – Nylon 66 – Black

Code	Thread	Thread Length	Height
V50M060100J030B	M6 x 1mm	30mm	4.7mm



For our full comprehensive range visit our website. <http://npa.com.au>

Machine Screws – Binder Head – Phillips – Nylon 66 – Natural

Code	Thread Pitch	Thread Length	Diameter	Height
V51800	4-40	1/4"	15/64"	1/16"



For our full comprehensive range visit our website. <http://npa.com.au>

NPA Tech Tip

NPA's range of screws, nuts and bolts are available in natural nylon 66 by default.

We provide Metric screws up to M12 and Imperial up to 1/4" with 20 threads.

They are lightweight, insulate against chemical, and electrical exposure and provide excellent resistance to vibrations and corrosion due to their material. Easy to install and remove using a screwdriver. Used in various applications, including electrical equipment, automotive repair or machinery construction.

For black or other coloured parts, make an enquiry with our sales team at sales@npa.com.au

Additional screw styles and sizes are available on our website.

Our nylon screws are all RoHS compliant.

Nuts - Metric - Nylon 66 - Black

Code	Thread Pitch	Width	Height
V04M040070HNB	M4 x 0.7mm	6.9mm	3mm



For our full comprehensive range visit our website. <http://npa.com.au>

Nuts - Imperial - Nylon 66 - Natural

Code	Thread Pitch	Width	Height
V0400440HN	4-40	1/4"	3/32"



For our full comprehensive range visit our website. <http://npa.com.au>

Pop Rivets – Nylon 66 – with Polycarbonate Mandrel – White

Code	Diameter	Panel Thickness	Shear Strength	Tensile Strength
112402	3.2mm	1 - 3.5mm	20kg	12kg
112406	3.2mm	3.5 - 6.5mm	20kg	12kg
112410	3.2mm	6.5 - 9.5mm	20kg	12kg
112414	4mm	1 - 3.5mm	25kg	18kg
112418	4mm	3.5 - 6mm	25kg	18kg
112422	4mm	6 - 9mm	25kg	18kg
112426	4.8mm	1.5 - 4.5mm	40kg	28kg
112430	4.8mm	4.5 - 7.5mm	40kg	28kg
112434	4.8mm	7.5 - 10.5mm	40kg	28kg
112438	5.6mm	2 - 5mm	65kg	40kg
112442	5.6mm	5 - 8mm	65kg	40kg
112446	5.6mm	8 - 11.5mm	65kg	40kg



Pop Rivets – Nylon 66 – with Polycarbonate Mandrel – Black

Code	Diameter	Panel Thickness	Shear Strength	Tensile Strength
112401	3.2mm	1 - 3.5mm	20kg	12kg
112405	3.2mm	3.5 - 6.5mm	20kg	12kg
112409	3.2mm	6.5 - 9.5mm	20kg	12kg
112413	4mm	1 - 3.5mm	25kg	18kg
112417	4mm	3.5 - 6mm	25kg	18kg
112421	4mm	6 - 9mm	25kg	18kg
112425	4.8mm	1.5 - 4.5mm	40kg	28kg
112429	4.8mm	4.5 - 7.5mm	40kg	28kg
112433	4.8mm	7.5 - 10.5mm	40kg	28kg
12801	3.2mm	1 - 3.5mm	20kg	12kg
112437	5.6mm	2 - 5mm	65kg	40kg
112441	5.6mm	5 - 8mm	65kg	40kg
112445	5.6mm	8 - 11.5mm	65kg	40kg



Pop Rivets – U.V. Stabilised – Nylon 66 – with Polycarbonate Mandrel – White

Code	Diameter	Panel Thickness	Shear Strength	Tensile Strength
12802	3.2mm	1 - 3.5mm	20kg	12kg
12806	3.2mm	3.5 - 6.5mm	20kg	12kg
12810	3.2mm	6.5 - 9.5mm	20kg	12kg
12818	4mm	3.5 - 6.5mm	25kg	18kg
12830	4.8mm	4.5 - 7.5mm	40kg	28kg
12834	4.8mm	7.5 - 10.5mm	40kg	28kg
12842	5.6mm	5 - 8mm	65kg	40kg



NPA Tech Tip

These rivets are set with a standard installation tool in the same manner as metal pop rivets.

Nylon rivets offer protection from corrosion and electrical hazard. They provide good chemical resistance and are suitable for use underwater.

When set, the pin breaks off flush with the head, leaving an attractive, solid colour finished appearance.

These are ideal for installing signage. Auto manufacturers use these rivets for many applications including for soft materials such as rubber or padded fabrics.

Both the nylon 66 body and polycarbonate mandrel are rated UL94V-2.

Pop Rivets – U.V. Stabilised – Nylon 66 – with Polycarbonate Mandrel – Black

Code	Diameter	Panel Thickness	Shear Strength	Tensile Strength
12801	3.2mm	1 - 3.5mm	20kg	12kg
12805	3.2mm	3.5 - 6.5mm	20kg	12kg
12809	3.2mm	6.5 - 9.5mm	20kg	12kg
12813	4mm	1 - 3.5mm	25kg	18kg
12817	4mm	3.5 - 6.5mm	25kg	18kg
12821	4mm	6 - 9mm	25kg	18kg
12825	4.8mm	6 - 9mm	40kg	28kg
12829	4.8mm	4.5 - 7.5mm	40kg	28kg
12833	4.8mm	7.5 - 10.5mm	40kg	28kg
12837	5.6mm	2 - 5mm	65kg	40kg
12841	5.6mm	5 - 8mm	65kg	40kg
12845	5.6mm	8 - 11.5mm	65kg	40kg



Pop Rivets - Nylon 66 - with Polycarbonate Mandrel - Clear

Code	Diameter	Panel Thickness	Shear Strength	Tensile Strength
112410C	3.2mm	6.5 - 9.5mm	20kg	12kg
112418C	4mm	3.5 - 6mm	25kg	18kg
112422C	4mm	6 - 9mm	25kg	18kg
112434C	4.8mm	7.5 - 10.5mm	40kg	28kg



Pop Rivets - Nylon 66 - with Polycarbonate Mandrel - Grey

Code	Diameter	Panel Thickness	Shear Strength	Tensile Strength
112403	3.2mm	1 - 3.5mm	20kg	12kg



Rivets – Push – Nylon 66 – White

Code	Diameter	Panel Thickness
12231	2mm	0.6 - 1.2mm
12233	2mm	1.3 - 2mm
12235	2mm	2.1 - 2.8mm
12237	2mm	2.9 - 3.6mm
12239	2mm	3.7 - 4.4mm
12241	2mm	4.4 - 5mm
12243	2.5mm	1 - 2mm
12245	2.5mm	2 - 3mm
12247	2.5mm	2.7 - 3.6mm
12249	2.5mm	3.4 - 4.3mm
12251	2.5mm	4.3 - 5.2mm
12253	2.5mm	5.1 - 6mm
12255	3mm	1 - 2mm
12257	3mm	2 - 3mm
12259	3mm	3 - 4mm
12261	3mm	4 - 5mm
12263	3mm	5 - 6mm
12265	3mm	5.5 - 6.5mm



Rivets – Push – Nylon 66 – White (cont.)

Code	Diameter	Panel Thickness
12267	3mm	6.5 - 6.5mm
12269	3mm	7.5 - 8.5mm
12271	3.5mm	1.2 - 2.1mm
12273	3.5mm	2.1 - 3mm
12275	3.5mm	2.7 - 3.6mm
12277	3.5mm	3 - 4mm
12279	3.5mm	3.7 - 4.6mm
12281	3.5mm	4.5 - 5.5mm
12283	3.5mm	5.5 - 6.5mm
12285	4mm	2.4 - 3.4mm
12287	4mm	3.5 - 4.5mm
12289	4mm	4.5 - 5.5mm
12291	4mm	5.5 - 6.5mm
12293	4mm	6.5 - 7.5mm
12295	4mm	7.5 - 8.5mm
12297	4mm	9 - 10.5mm
12299	5mm	1.5 - 3.5mm



Rivets - Push - Nylon 66 - White (cont.)

Code	Diameter	Panel Thickness
12301	5mm	2.5 - 3.5mm
12303	5mm	3.5 - 4.5mm
12305	5mm	4.5 - 5.5mm
12307	5mm	5.5 - 6.5mm
12309	5mm	6.5 - 7.5mm
12311	5mm	7.5 - 8.5mm
12313	6mm	2.5 - 4mm
12315	6mm	3.5 - 5.5mm



Rivets - Push - Nylon 66 - Natural

Code	Diameter	Panel Thickness
12257N	3mm	2 - 3mm



Rivets – Push – Nylon 66 – Black

Code	Diameter	Panel Thickness
12230	2mm	0.6 - 1.2mm
12232	2mm	1.3 - 2mm
12234	2mm	2.1 - 2.8mm
12236	2mm	2.9 - 3.6mm
12238	2mm	3.7 - 4.4mm
12240	2mm	4.4 - 5mm
12242	2.5mm	1 - 2mm
12244	2.5mm	2 - 3mm
12246	2.5mm	2.7 - 3.6mm
12248	2.5mm	3.4 - 4.3mm
12250	2.5mm	4.3 - 5.2mm
12252	2.5mm	5.1 - 6mm
12254	3mm	1 - 2mm
12256	3mm	2 - 3mm
12258	3mm	3 - 4mm
12260	3mm	4 - 5mm
12262	3mm	5 - 6mm
12264	3mm	5.5 - 6.5mm
12266	3mm	6.5 - 7.5mm
12268	3mm	7.5 - 8.5mm
12270	3.5mm	1.2 - 2.1mm



Rivets – Push – Nylon 66 – Black (cont.)

Code	Diameter	Panel Thickness
12272	3.5mm	2.1 - 3mm
12274	3.5mm	2.7 - 3.6mm
12276	3.5mm	3 - 4mm
12278	3.5mm	3.7 - 4.6mm
12280	3.5mm	4.5 - 5.5mm
12282	3.5mm	5.5 - 6.5mm
12284	4mm	2.4 - 3.4mm
12286	4mm	3.5 - 4.5mm
12288	4mm	4.5 - 5.5mm
12290	4mm	5.5 - 6.5mm
12292	4mm	6.5 - 7.5mm
12294	4mm	7.5 - 8.5mm
12296	4mm	9 - 10.5mm
12298	5mm	1.5 - 3.5mm
12300	5mm	2.5 - 3.5mm
12302	5mm	3.5 - 4.5mm
12304	5mm	4.5 - 5.5mm
12306	5mm	5.5 - 6.5mm
12308	5mm	6.5 - 7.5mm
12310	5mm	7.5 - 8.5mm
12312	6mm	2.5 - 4mm
12314	6mm	3.5 - 5.5mm



Clips - Canoe - Nylon 66 - Natural

Code	Mounting Hole Diameter	Length	Height	Diameter	Grip Range
40502	1.4mm - 3.5mm	8.3mm	1.5mm	7.6mm	1.5mm - 1.7mm



For our full comprehensive range visit our website. <http://npa.com.au>

Clips - Christmas Tree - Nylon 66 - Black

Code	Mounting Hole Diameter	Length	Height	Diameter	Grip Range
40501	6mm - 6.8mm	15mm	1.7mm	20.2mm	2.5 - 10mm



For our full comprehensive range visit our website. <http://npa.com.au>

Clips - Keyhole - Nylon 66 - Black

Code	Diameter	Mounting Diameter	Panel Thickness
V27KY1870093B	7.94mm	4.75mm	2.36mm



For our full comprehensive range visit our website. <http://npa.com.au>

Threaded Rods – Metric – Nylon 66 – Natural

Code	Thread Pitch	Length
12047	M10	1m
12048	M12	1m
12049	M16	1m



For our full comprehensive range visit our website. <http://npa.com.au>

NPA Tech Tip

Our versatile nylon threaded rod has threads along its entire length and is available in 1m lengths. It is easily cut to size, resistant to most chemicals, electrically insulated, non-magnetic, light-weight, low thermal conductivity, vibration and abrasion resistant.

These rods are ideal in applications where a non-magnetic solution is required. These lightweight plastic rods are also good for insulation assemblies.

For threaded tubular rods, studs or rods made from materials other than Nylon 66, inquire with our sales team at sales@npa.com.au

Wall Anchors - Knotting - With Lip - Nylon 66 - Grey

Code	Screw Size	Length	Diameter	Anchor Type
12026	4mm - 5mm	38mm	6mm	6 x 38mm
12027	5mm - 6mm	51mm	8mm	8 x 51mm
12028	6mm - 8mm	61mm	10mm	10 x 61mm



Wall Anchors - Knotting - Without Lip - Nylon 66 - Grey

Code	Screw Size	Length	Diameter	Anchor Type
12021	4mm - 5mm	37mm	6mm	6 x 37mm
12022	5mm - 6mm	50mm	8mm	8 x 50mm
12023	6mm - 8mm	60mm	10mm	10 x 60mm



Wall Anchors - Without Lip - Nylon 66 - Grey

Code	Screw Size	Length	Diameter	Anchor Type
12001	2mm - 3mm	20mm	4mm	ES4
12002	2.5mm - 4mm	25mm	5mm	ES5
12003	3.5mm - 4mm	30mm	6mm	ES6
12004	4.5mm - 5mm	30mm	7mm	ES7
12005	4.5mm - 6mm	40mm	8mm	ES8
12006	6mm - 8mm	50mm	10mm	ES10
12007	8mm - 10mm	60mm	12mm	ES12
12008	10mm - 12mm	80mm	14mm	ES14



Wall Anchors - With Lip - Nylon 66 - Grey

Code	Screw Size	Length	Diameter	Anchor Type
12012	2.5mm - 4mm	25mm	5mm	ES5
12013	3.5mm - 4mm	30mm	6mm	ES6
12014	4.5mm - 5mm	30mm	7mm	ES7
12015	4.5mm - 6mm	40mm	8mm	ES8
12016	6mm - 8mm	50mm	10mm	ES10
12017	8mm - 10mm	60mm	12mm	ES12



Wall Anchors - For Screws - Nylon 66 - Red

Code	Screw Size	Length	Diameter
12031	3mm	19mm	5mm
12032	4mm	22mm	6mm
12033	5mm	26mm	8mm
12034	6mm	34mm	10mm



PCB Supports – Locking Support – Nylon 66 – Natural

Code	Spacing	PCB Hole Diameter	PCB Thickness	Chassis Hole Diameter	Chassis Thickness
10183	12.7mm	3.18mm	1.6mm	4.75mm	1.6mm



For our full comprehensive range visit our website. <http://npa.com.au>

PCB Supports – Mini – Dual Locking – Nylon 66 – Natural

Code	Spacing	PCB Hole Diameter	PCB Thickness	Chassis Hole Diameter	Chassis Thickness
10193	16mm	2.5mm	1.57mm	2.5mm	1.57mm
10194	12mm	2.5mm	1.57mm	2.5mm	1.57mm



PCB Supports - Mini - Nylon 66 - Natural

Code	Spacing	PCB Hole Diameter	PCB Thickness	Chassis Hole Diameter	Chassis Thickness
10189	6.4mm	3.18mm	1.57mm	3.18mm	1.57mm



For our full comprehensive range visit our website. <http://npa.com.au>

PCB Supports - Push Spacer - Nylon 66 - Natural

Code	Spacing	PCB Hole Diameter	PCB Thickness	Chassis Hole Diameter	Chassis Thickness	Colour
10140	4.8mm	4.8mm	2mm	4.8mm	2mm	Natural
10141	12.7mm	4.75mm	0.79mm - 1.98mm	4.75mm	0.79mm - 1.98mm	Natural
10197	25.4mm	4.75mm	0.79mm - 1.98mm	4mm	1.57mm	Black



PCB Supports – Reverse Locking – Nylon 66 – Natural

Code	Spacing	PCB Hole Diameter	PCB Thickness	Chassis Hole Diameter	Chassis Thickness
10129	3.5mm	4mm	1.6mm	5.5mm	1.8mm
10130	5mm	4mm	1.6mm	5.5mm	1.8mm
10131	6.4mm	4mm	1.6mm	5.5mm	1.8mm
10132	8mm	4mm	1.6mm	5.5mm	1.8mm
10133	8mm	4mm	1.6mm	5.5mm	1.8mm
10134	9.5mm	4mm	1.6mm	5.5mm	1.8mm
10135	12mm	4mm	1.6mm	5.5mm	1.8mm
10136	14mm	4mm	1.6mm	5.5mm	1.8mm
10137	18mm	4mm	1.6mm	5.5mm	1.8mm



PCB Supports – Teardrop – Nylon 66 – Natural

Code	Spacing	PCB Hole Diameter	PCB Thickness	Chassis Hole Diameter	Chassis Thickness
10188	6.4mm	1.63mm	1.63mm	2.54mm	1.63mm



PCB Supports – Snap-Lock Pin – With Lip – Nylon 66 – Natural

Code	Spacing	PCB Hole Diameter	Chassis Hole Diameter
10184	4.5mm	2.4mm	2.4mm



For our full comprehensive range visit our website. <http://npa.com.au>

PCB Supports – Snap-Lock Pin – Without Lip – Nylon 66 – Natural

Code	Spacing	PCB Hole Diameter	Chassis Hole Diameter
10185	4.5mm	2.4mm	2.4mm



For our full comprehensive range visit our website. <http://npa.com.au>

PCB Supports – Tension Fit – Nylon 66 – Natural

Code	Spacing	PCB Hole Diameter	PCB Thickness	Chassis Hole Diameter	Chassis Thickness
10101	4.8mm	4mm	1.6mm	4.8mm	1.8mm
10103	9.5mm	4mm	1.6mm	4.8mm	1.8mm
10104	11.1mm	4mm	1.6mm	4.8mm	1.8mm
10105	12.7mm	4mm	1.6mm	4.8mm	1.8mm
10106	15.9mm	4mm	1.6mm	4.8mm	1.8mm
10107	19mm	4mm	1.6mm	4.8mm	1.8mm
10108	22.2mm	4mm	1.6mm	4.8mm	1.8mm
10109	25.4mm	4mm	1.6mm	4.8mm	1.8mm



PCB Supports – Tension Fit – Adhesive Base – Nylon 66 – Natural

Code	Spacing	PCB Hole Diameter	PCB Thickness
10660	4.8mm	4mm	1.6mm
10662	9.5mm	4mm	1.6mm
10661	6.4mm	4mm	1.6mm
10664	15.9mm	4mm	1.6mm
10663	12.7mm	4mm	1.6mm
10666	22.2mm	4mm	1.6mm
10665	19.1mm	4mm	1.6mm
10667	25.4mm	4mm	1.6mm
10668	28.6mm	4mm	1.6mm



NPA Tech Tip

NPA PCB Supports are rated UL94V-2 unless otherwise specified.

When applying our adhesive PCB supports to a surface we recommend temperatures between 21°C - 38°C.

After applying the adhesive clip to a surface we recommend waiting 24 hours for the adhesive to achieve maximum strength before adding the wires or cable ties.

PCB Supports – Threaded Standoff – Nylon 66 – Natural

Code	Gender	Thread Pitch	Spacing	Thread Length	Diameter
10190	Male / Male	M4	6mm	6mm	6mm
10191	Male / Female	M4	45mm	8mm	8mm



PCB Supports – Threaded Female – UL 94V-0 Nylon Natural

Code	Thread Pitch	Thread Length	Spacing	PCB Hole Diameter	Panel Thickness
10187	6-32	7.8mm	12.7mm	4mm	1.57mm



For our full comprehensive range visit our website. <http://npa.com.au>

PCB Supports – Dual Locking Barb – Nylon 66 – Natural

Code	Spacing	PCB Hole Diameter	PCB Thickness	Chassis Hole Diameter	Chassis Thickness
M41528	6.4mm	4mm	1.57mm	4.75mm	0.79mm - 1.98mm



For our full comprehensive range visit our website. <http://npa.com.au>

PCB Supports – Dual Locking Support – Nylon 66 – Natural

Code	Spacing	PCB Hole Diameter	PCB Thickness	Chassis Hole Diameter	Chassis Thickness
10196	6.4mm	2.5mm	1.63mm	2.5mm	1.63mm



For our full comprehensive range visit our website. <http://npa.com.au>

PCB Supports – Locking Barb – Nylon 66 – Natural

Code	Spacing	PCB Hole Diameter	PCB Thickness	Chassis Hole Diameter	Chassis Thickness
10110	4.8mm	4mm	1.6mm	4.8mm	1.8mm
10111	6.4mm	4mm	1.6mm	4.8mm	1.8mm
10116	19mm	4mm	1.6mm	4.8mm	1.8mm
10112	9.5mm	4mm	1.6mm	4.8mm	1.8mm
10114	12.7mm	4mm	1.6mm	4.8mm	1.8mm
10113	11.1mm	4mm	1.6mm	4.8mm	1.8mm
10117	22.2mm	4mm	1.6mm	4.8mm	1.8mm
10118	25.4mm	4mm	1.6mm	4.8mm	1.8mm
10115	15.9mm	4mm	1.6mm	4.8mm	1.8mm



PCB Supports – Edge Locking – Nylon 66 – Natural

Code	Spacing	PCB Hole Diameter	PCB Thickness	Chassis Hole Diameter	Chassis Thickness
10180	12.7mm	4.75mm	1.98mm	4mm	1.57mm



PCB Supports – Locking Barb – Adhesive Base – Nylon 66 – Natural

Code	Spacing	PCB Hole Diameter	PCB Thickness
10655	19.1mm	4mm	1.6mm
10656	22.2mm	4mm	1.6mm
10670	4.8mm	3.2mm	1.6mm
10671	6.4mm	3.2mm	1.6mm
10672	9.5mm	3.2mm	1.6mm
10673	11.1mm	3.2mm	1.6mm
10674	12.7mm	3.2mm	1.6mm
10675	15.9mm	3.2mm	1.6mm
10650	4.8mm	4mm	1.6mm
10651	6.4mm	4mm	1.6mm
10652	9.5mm	4mm	1.6mm
10653	12.7mm	4mm	1.6mm
10657	25.4mm	4mm	1.6mm
10654	15.9mm	4mm	1.6mm
10658	28.6mm	4mm	1.6mm



Sleeving (Sold by metre) – Braided Cable Wrap – Hook & Loop – Black

Code	Cable Size	Diameter	Width	Reel Size	Certifications
40840	12mm	19mm	10mm	25m	UL
40841	20mm	32mm	20mm	25m	UL



Sleeving (Sold by metre) – EMI Shielding – Tinned Copper Foil

Code	Diameter	Expanded Diameter	Recovered Diameter	Reel Size	Certifications
40801	6mm	9mm	4mm	200m	UL
40802	10mm	16mm	7mm	150m	UL
40803	20mm	28mm	13mm	100m	UL



Sleeving (Sold by metre) – Expandable – Polyester – Black

Code	Diameter	Expanded Diameter	Recovered Diameter	Reel Size	Certifications
40808	3mm	6mm	1mm	1000m	UL
40809	6mm	9mm	3mm	500m	UL
40810	10mm	19mm	7mm	350m	UL
40811	12mm	24mm	8mm	350m	UL
40812	19mm	30mm	14mm	200m	UL
40813	25mm	35mm	18mm	200m	UL
40814	32mm	50mm	20mm	150m	UL
40815	38mm	55mm	30mm	100m	RoHS
40828	50mm	80mm	40mm	100m	RoHS



Sleeving (Sold by metre) - Expandable - PPS - Black

Code	Diameter	Expanded Diameter	Recovered Diameter	Reel Size	Certifications
40820	10mm	19mm	7mm	350m	UL
40821	12mm	24mm	8mm	350m	UL
40822	19mm	30mm	14mm	250m	UL
40823	25mm	35mm	18mm	250m	UL



Sleeving (Sold by metre) - Cold Cut Expandable Braided Wrap - Polyester - Black

Code	Diameter	Expanded Diameter	Recovered Diameter	Reel Size	Certifications
40872	50mm	54mm	40mm	100m	UL



Sleeving (Sold by metre) – Self-Closing Braided Wrap – Polyester – Black

Code	Diameter	Expanded Diameter	Overlap	Reel Size	Certifications
40830	13mm	14mm	25%	50m	UL
40831	19mm	20mm	25%	25m	UL
40832	25mm	26mm	25%	25m	UL



NPA Tech Tip

From outstanding flexibility to high flame-retardant properties to exceptional abrasion protection, NPA guarantees the highest quality and safety in all cable protection areas.

Cold Cut Braided Expandable Sleeving can be cut with common scissors without obvious fray. Compared to standard polyester sleeving, it is softer and easier to use.

PPS Expandable Sleeving (High Temp) is used in high temperature environments and is known for its resistance to acids, solvents, fuels and abrasion. It also has high temperature stability, low moisture absorption, and excellent dimensional stability.

Copper Foil EMI Shielding Sleeving is used in different electrical and industrial fields where EMI shielding is required. It is lighter and more flexible than tinned copper braided sleeving, making it a great combination of economy and durability.

Polyester Expandable Sleeving (High Flame Retardant) is halogen-free expandable braided sleeving in compliance with UL94V-0 requirements. It offers excellent flame retardant properties and durable abrasion resistance.

Spacers - Threaded - Hexagonal - Nylon 66 - Natural

Code	Profile	Gender	Thread Pitch	Thread & Body Length	Width
10201	Hexagonal	Female	M3	6.35mm	6.35mm
10202	Hexagonal	Female	M3	9.5mm	6.35mm
10203	Hexagonal	Female	M3	12.7mm	6.35mm
10204	Hexagonal	Female	M3	15.9mm	6.35mm
10205	Hexagonal	Female	M3	19mm	6.35mm
10206	Hexagonal	Female	M3	22.2mm	6.35mm
10207	Hexagonal	Female	M3	25.4mm	6.35mm
10211	Hexagonal	Female	M3.5	4.75mm	6.35mm
10212	Hexagonal	Female	M3.5	6.35mm	6.35mm
10213	Hexagonal	Female	M3.5	9.5mm	6.35mm
10214	Hexagonal	Female	M3.5	12.7mm	6.35mm
10215	Hexagonal	Female	M3.5	15.9mm	6.35mm
10231	Hexagonal	Female	M4	6.35mm	6.35mm
10232	Hexagonal	Female	M4	9.5mm	6.35mm



Spacers - Threaded - Hexagonal - Nylon 66 - Natural (cont.)

Code	Profile	Gender	Thread Pitch	Thread & Body Length	Width
10233	Hexagonal	Female	M4	12.7mm	6.35mm
10234	Hexagonal	Female	M4	15.9mm	6.35mm
10235	Hexagonal	Female	M4	19mm	6.35mm
10237	Hexagonal	Female	M4	25.4mm	6.35mm
10301	Hexagonal	Female	M3	6mm	5.5mm
10302	Hexagonal	Female	M3	8mm	5.5mm
10303	Hexagonal	Female	M3	10mm	5.5mm
10304	Hexagonal	Female	M3	12.7mm	5.5mm
10305	Hexagonal	Female	M3	15mm	5.5mm
10306	Hexagonal	Female	M3	18mm	5.5mm
10307	Hexagonal	Female	M3	20mm	5.5mm
10308	Hexagonal	Female	M3	22mm	5.5mm
10309	Hexagonal	Female	M3	25mm	5.5mm
10310	Hexagonal	Female	M3	30mm	5.5mm
V14MHTSP021	Hexagonal	Female	M4	15.88mm	6.35mm



Spacers - Threaded - Hexagonal - Male/Female - Nylon 66

Code	Thread Pitch	Thread Length	Width	Colour
10351	M3	6mm	5.5mm	Natural
10352	M3	8mm	5.5mm	Natural
10353	M3	10mm	5.5mm	Natural
10354	M3	12.7mm	5.5mm	Natural
10355	M3	15mm	5.5mm	Natural
10356	M3	18mm	5.5mm	Natural
10357	M3	20mm	5.5mm	Natural
10358	M3	22mm	5.5mm	Natural
10359	M3	25mm	5.5mm	Natural
10360	M3	30mm	5.5mm	Natural
10370B	M4	8mm	7mm	Black
10371	M4	10mm	7mm	Natural
10372	M4	12.7mm	7mm	Natural
10373	M4	15mm	7mm	Natural
10374	M4	19mm	7mm	Natural
10375	M4	25mm	7mm	Natural



Spacers – Threaded – Hexagonal – Female – Nickel-Plated Brass

Code	Thread Pitch	Thread & Body Length	Width
10403	M3	5mm	5mm
10405	M3	10mm	5mm
10406	M3	12mm	5mm
10407	M3	15mm	5mm
10409	M3	20mm	5mm
10411	M3	25mm	5mm
10412	M3	30mm	5mm
10415	M4	10mm	7mm
10416	M4	12mm	7mm
10417	M4	15mm	7mm
10419	M4	20mm	7mm
10421	M4	25mm	7mm



Spacers – Threaded – Hexagonal – Male/Female – Nickel-Plated Brass

Code	Thread Pitch	Body Length	Internal Thread Length	External Thread Length	Width
10414N	M4	10mm	10mm	8mm	12.05mm
10422	M4	45mm	45mm	8mm	7mm
10425	M3	8mm	8mm	8mm	5mm
10426	M3	8mm	8mm	8mm	6mm
10427	M3	6mm	6mm	8mm	5mm
10427S	M3	8mm	8mm	8mm	5mm
10429	M3	8mm	8mm	8mm	5mm
10429N	M3	8mm	8mm	8mm	5.5mm
10430	M3	8mm	8mm	8mm	5mm
10431	M3	8mm	8mm	8mm	5mm
10433	M3	8mm	8mm	8mm	5.5mm
10433N	M3	6mm	6mm	6mm	5.5mm
10452	M4	10mm	8mm	8mm	8mm



Spacers - Threaded - Hexagonal - Female - Zinc-Plated Steel

Code	Thread Pitch	Thread & Body Length	Width
10405-1	M3 x 0.5mm	10mm	5mm
10411-1	M3	25mm	5mm



Spacers - Threaded - Hexagonal - Male/Female - Zinc-Plated Steel

Code	Thread Pitch	Body Length	Internal Thread Length	External Thread Length	Width
10500	M6	12mm	12mm	13mm	10mm



Spacers - Threaded - Round - Nylon 66 - Natural

Code	Thread Pitch	Thread & Body Length	Diameter	Colour
10251	M3.5	6.35mm	6.35mm	Natural
10253	M3.5	9.53mm	6.35mm	Natural
10254	M3.5	12.7mm	6.35mm	Natural
10257	M3.5	19mm	6.35mm	Natural
10260	M3.5	25.4mm	6.35mm	Natural
10272	M4	9.53mm	7.94mm	Natural
10273	M4	12.7mm	7.94mm	Natural
10274	M4	15.9mm	7.94mm	Natural
10275	M4	19mm	7.94mm	Natural
10276	M4	22.2mm	7.94mm	Natural
10277	M4	15.4mm	7.94mm	Natural
10281	M5	6.35mm	9.53mm	Natural
10282	M5	9.53mm	9.53mm	Natural
10283	M5	12.7mm	9.53mm	Natural
10284	M5	15.9mm	9.53mm	Natural
10285	M5	19mm	9.53mm	Natural
10285B	M5	19mm	9.53mm	Black
10286	M5	22.2mm	9.53mm	Natural
10287	M5	25.4mm	9.53mm	Natural



Spacers – Clear Hole – Round – Nylon 66 – Natural

Code	Diameter	Length	Internal Hole Diameter
E10000	6mm	7.5mm	3.1mm
E10001	6mm	6mm	3.1mm
E10002	6mm	8mm	3.1mm
V13RS031230	7.93mm	6.25mm	6.35mm
V13SP0090	6.35mm	25.4mm	4.34mm



For our full comprehensive range visit our website. <http://npa.com.au>

NPA Tech Tip

Our non-threaded spacers are designed to be installed by hand and do not require assembly equipment. They are suitable for supporting PCBs and protecting screws.

Our female threaded spacers fit self-tapping screws for strong, secure holds. Male threaded spacers ensure an easily attachable or removable fixture in panels and chassis with existing threads.

For spacers in other materials such as Aluminium, enquire with our sales staff at sales@npa.com.au

Our nylon 66 spacers are rated UL94V-2.

Crimp Connectors – Bullet – Male – Pre-Insulated – Tin Plated Copper

Code	Cable Size AWG	Min. Cable Size	Max. Cable Size	Tab Size
30470	16 - 14	1.5mm ²	2.5mm ²	4mm



Crimp Connectors – Bullet – Male – Double Grip Insulated – Tin Plated Copper

Code	Cable Size AWG	Min. Cable Size	Max. Cable Size	Colour
30668	22 - 16	.5mm ²	1.5mm ²	Red
30669	16 - 14	1.5mm ²	2.5mm ²	Blue
30670	16 - 14	1.5mm ²	2.5mm ²	Blue
30671	12 - 10	4mm ²	6mm ²	Yellow



Crimp Connectors – Bullet – Female – Pre-Insulated – Tin Plated Copper

Code	Cable Size AWG	Min. Cable Size	Max. Cable Size	Colour
30474	16 - 14	1.5mm ²	2.5mm ²	Blue
30674	16 - 14	1.5mm ²	2.5mm ²	Blue



Crimp Connectors – Bullet – Female – Double Grip Insulated – Tin Plated Copper

Code	Cable Size AWG	Min. Cable Size	Max. Cable Size	Colour
30672	22 - 16	.5mm ²	1.5mm ²	Red
30673	16 - 14	1.5mm ²	2.5mm ²	Blue
30675	12 - 10	4mm ²	6mm ²	Yellow



Crimp Connectors – Butt – Pre-Insulated – Tin Plated Copper

Code	Cable Size AWG	Min. Cable Size	Max. Cable Size	Colour
30476	22 - 16	0.5mm ²	1.5mm ²	Red
30477	16 - 14	1.5mm ²	2.5mm ²	Blue
30478	12 - 10	4mm ²	6mm ²	Yellow



Crimp Connectors – Butt – Non-Insulated – Tin Plated Copper

Code	Cable Size AWG	Min. Cable Size	Max. Cable Size
30576	22 - 16	.5mm ²	1.5mm ²
30577	16 - 14	1.5mm ²	2.5mm ²
30578	12 - 10	4mm ²	6mm ²



Crimp Connectors – Closed End – Pre-Insulated – Tin Plated Copper

Code	Cable Size AWG	Min. Cable Size	Max. Cable Size	Colour
30482	22 - 16	0.25mm ²	1.5mm ²	Natural
30483	16 - 14	1.0mm ²	3mm ²	Natural
30484	12 - 10	4mm ²	6mm ²	Natural
30485	8	8mm ²	8mm ²	Natural



Twist On Connectors – Wing – Tin Plated Copper with Nylon 66 Casing – Yellow

Code	Cable Size AWG	Min. Cable Size	Max. Cable Size	Other Information
30492	2 x 18 - 3 x 12	2 x .5mm ²	3 x 3.5mm ²	Connects 2 -3 Cables



For our full comprehensive range visit our website. <http://npa.com.au>

Crimp Connectors – Flat Blade – With Lip – Double Grip Insulated – Tin Plated Copper

Code	Cable Size AWG	Min. Cable Size	Max. Cable Size	Blade Length	Blade Width	Colour
30662	22 - 16	.5mm ²	1.5mm ²	26mm	3mm	Red
30663	22 - 16	.5mm ²	1.5mm ²	17mm	4.6mm	Red
30664	16 - 14	1.5mm ²	2.5mm ²	26mm	3mm	Blue
30665	16 - 14	1.5mm ²	2.5mm ²	17mm	4.6mm	Blue
30666	12 - 10	4mm ²	6mm ²	29mm	3mm	Yellow



Crimp Connectors – Flat Blade – Double Grip Insulated – Tin Plated Copper

Code	Cable Size AWG	Min. Cable Size	Max. Cable Size	Blade Length	Blade Width	Colour
30659	22 - 16	.5mm ²	1.5mm ²	10mm	3mm	Red
30660	16 - 14	1.5mm ²	2.5mm ²	10mm	3mm	Blue
30661	12 - 10	4mm ²	6mm ²	10mm	3mm	Yellow



Crimp Connectors – Pin – Pre-Insulated – Tin Plated Copper

Code	Cable Size AWG	Min. Cable Size	Max. Cable Size	Colour
30480	16 - 14	1.5mm ²	2.5mm ²	Blue
30479	22 - 16	0.5mm ²	1.5mm ²	Red
30481	12 - 10	4mm ²	6mm ²	Yellow



Crimp Connectors – Pin – Double Grip Insulated – Tin Plated Copper

Code	Cable Size AWG	Min. Cable Size	Max. Cable Size	Colour
30679	22 - 16	.5mm ²	1.5mm ²	Red
30680	16 - 14	1.5mm ²	2.5mm ²	Blue
30681	12 - 10	4mm ²	6mm ²	Yellow



Crimp Connectors – Quick Connectors – Female – Pre-Insulated – Tin Plated Copper

Code	Cable Size AWG	Min. Cable Size	Max. Cable Size	Tab Size	Colour
30401	22 - 16	.5mm ²	1.5mm ²	2.8mm	Red
30402	22 - 16	.5mm ²	1.5mm ²	4.8mm	Red
30403	22 - 16	.5mm ²	1.5mm ²	6.3mm	Red
30407	12 - 10	4mm ²	6mm ²	6.3mm	Yellow
30405	16 - 14	1.5mm ²	2.5mm ²	4.8mm	Blue
30406	16 - 14	1.5mm ²	2.5mm ²	6.3mm	Blue



Crimp Connectors – Quick Connectors – Female – Fully Insulated – Tin Plated Copper

Code	Cable Size AWG	Min. Cable Size	Max. Cable Size	Tab Size	Colour
30408	22 - 16	.5mm ²	1.5mm ²	2.8mm	Red
30409	22 - 16	.5mm ²	1.5mm ²	4.8mm	Red
30410	22 - 16	.5mm ²	1.5mm ²	6.3mm	Red
30413	16 - 14	1.5mm ²	2.5mm ²	6.3mm	Blue
30414	12 - 10	4mm ²	6mm ²	6.3mm	Yellow



Crimp Connectors – Quick Connectors – Female – Double Grip Insulated – Tin Plated Copper

Code	Cable Size AWG	Min. Cable Size	Max. Cable Size	Tab Size	Colour
30601	22 - 16	.5mm ²	1.5mm ²	2.8mm	Red
30602	22 - 16	.5mm ²	1.5mm ²	4.8mm	Red
30603	22 - 16	.5mm ²	1.5mm ²	6.3mm	Red
30604	16 - 14	1.5mm ²	2.5mm ²	2.8mm	Blue
30605	16 - 14	1.5mm ²	2.5mm ²	4.8mm	Blue
30606	16 - 14	1.5mm ²	2.5mm ²	6.3mm	Blue
30607	12 - 10	4mm ²	6mm ²	6.3mm	Yellow



Crimp Connectors – Quick Connectors – Female – Non-Insulated – Tin Plated Copper

Code	Cable Size AWG	Min. Cable Size	Max. Cable Size	Tab Size
30588	22 - 14	.5mm ²	2.5mm ²	2.8mm
30589	22 - 14	.5mm ²	2.5mm ²	4.8mm
30590	22 - 14	.5mm ²	2.5mm ²	6.3mm



Crimp Connectors – Quick Connectors – Female – In-Line Splice (ILS) Double Grip – Tin Plated Copper

Code	Cable Size AWG	Min. Cable Size	Max. Cable Size	Tab Size	Colour
30608	22 - 16	.5mm ²	1.5mm ²	2.8mm	Red
30609	22 - 16	.5mm ²	1.5mm ²	4.8mm	Red
30610	22 - 16	.5mm ²	1.5mm ²	6.3mm	Red
30611	16 - 14	1.5mm ²	2.5mm ²	2.8mm	Blue
30612	16 - 14	1.5mm ²	2.5mm ²	4.8mm	Blue
30613	16 - 14	1.5mm ²	2.5mm ²	6.3mm	Blue
30614	12 - 10	4mm ²	6mm ²	6.3mm	Yellow



NPA Tech Tip

Double Grip connectors feature an additional sleeve of copper to increase the grip strength on the wire after crimping. These are ideal for applications with frequent vibration.

Fully Insulated connectors are ideal for situations where the entire terminal requires protection from moisture, strain, risks of wire removal and any other potential safety issues.

Our range of crimp connectors are insulated with PVC.

Crimp Connectors – Quick Connectors – Male – Pre-Insulated – Tin Plated Copper

Code	Cable Size AWG	Min. Cable Size	Max. Cable Size	Tab Size	Colour
30420	12 - 10	4mm ²	6mm ²	6.3mm	Yellow
30419	16 - 14	1.5mm ²	2.5mm ²	6.3mm	Blue
30418	22 - 16	.5mm ²	1.5mm ²	6.3mm	Red



Crimp Connectors – Quick Connectors – Male – Non-Insulated – Tin Plated Copper

Code	Cable Size AWG	Min. Cable Size	Max. Cable Size	Tab Size
30586	22 - 14	.5mm ²	2.5mm ²	2.5mm
30587	22 - 14	.5mm ²	2.5mm ²	6.3mm



Crimp Connectors – Quick Connectors – Male – Double Grip Insulated – Tin Plated Copper

Code	Cable Size AWG	Min. Cable Size	Max. Cable Size	Tab Size	Colour
30618	22 - 16	.5mm ²	1.5mm ²	6.3mm	Red
30619	16 - 14	1.5mm ²	2.5mm ²	6.3mm	Blue
30620	12 - 10	4mm ²	6mm ²	6.3mm	Yellow



Crimp Connectors – Quick Connectors – Male – Fully Insulated – Tin Plated Copper

Code	Cable Size AWG	Min. Cable Size	Max. Cable Size	Tab Size	Colour
30489	22 - 16	.5mm ²	1.5mm ²	6.3mm	Red
30490	16 - 14	1.5mm ²	2.5mm ²	6.3mm	Blue
30491	12 - 10	4mm ²	6mm ²	6.3mm	Yellow



Crimp Connectors – Quick Connectors – Piggyback – Pre-Insulated – Tin Plated Copper

Code	Cable Size AWG	Min. Cable Size	Max. Cable Size	Tab Size	Colour
30416	16 - 14	1.5mm ²	2.5mm ²	6.3mm	Blue
30415	22 - 16	.5mm ²	1.5mm ²	6.3mm	Red
30417	12 - 10	4mm ²	6mm ²	6.3mm	Yellow



Crimp Connectors – Quick Connectors – Piggyback – Double Grip Insulated – Tin Plated Copper

Code	Cable Size AWG	Min. Cable Size	Max. Cable Size	Tab Size	Colour
30615	22 - 16	.5mm ²	1.5mm ²	6.3mm	Red
30616	16 - 14	1.5mm ²	2.5mm ²	6.3mm	Blue
30617	12 - 10	4mm ²	6mm ²	6.3mm	Yellow



Crimp Connectors – Ring – Pre-Insulated – Tin Plated Copper

Code	Cable Size AWG	Min. Cable Size	Max. Cable Size	Mounting Hole Diameter	Colour
30433	22 - 16	.5mm ²	1.5mm ²	3.5mm	Red
30434	22 - 16	.5mm ²	1.5mm ²	4mm	Red
30435	22 - 16	.5mm ²	1.5mm ²	5mm	Red
30436	22 - 16	.5mm ²	1.5mm ²	6mm	Red
30437	22 - 16	.5mm ²	1.5mm ²	8mm	Red
30439	16 - 14	1.5mm ²	2.5mm ²	3.5mm	Blue
30440	16 - 14	1.5mm ²	2.5mm ²	4mm	Blue
30441	16 - 14	1.5mm ²	2.5mm ²	5mm	Blue
30442	16 - 14	1.5mm ²	2.5mm ²	6mm	Blue
30443	16 - 14	1.5mm ²	2.5mm ²	8mm	Blue
30451	12 - 10	4mm ²	6mm ²	5mm	Yellow
30452	12 - 10	4mm ²	6mm ²	6mm	Yellow
30453	12 - 10	4mm ²	6mm ²	8mm	Yellow
30454	12 - 10	4mm ²	6mm ²	10mm	Yellow
30455	12 - 10	4mm ²	6mm ²	13mm	Yellow



Crimp Connectors - Ring - Double Grip Insulated - Tin Plated Copper

Code	Cable Size AWG	Min. Cable Size	Max. Cable Size	Mounting Hole Diameter	Colour
30455	12 - 10	4mm ²	6mm ²	13mm	Yellow
30633	22 - 16	.5mm ²	1.5mm ²	3.5mm	Red
30634	22 - 16	.5mm ²	1.5mm ²	4mm	Red
30635	22 - 16	.5mm ²	1.5mm ²	5mm	Red
30636	22 - 16	.5mm ²	1.5mm ²	6mm	Red
30637	22 - 16	.5mm ²	1.5mm ²	8mm	Red
30638	22 - 16	.5mm ²	1.5mm ²	10mm	Red
30639	16 - 14	1.5mm ²	2.5mm ²	3.5mm	Blue
30640	16 - 14	1.5mm ²	2.5mm ²	4mm	Blue
30641	16 - 14	1.5mm ²	2.5mm ²	5mm	Blue
30642	16 - 14	1.5mm ²	2.5mm ²	6mm	Blue
30643	16 - 14	1.5mm ²	2.5mm ²	8mm	Blue
30644	16 - 14	1.5mm ²	2.5mm ²	10mm	Blue
30645	16 - 14	1.5mm ²	2.5mm ²	13mm	Blue
30649	12 - 10	4mm ²	6mm ²	3.5mm	Yellow
30650	12 - 10	4mm ²	6mm ²	4mm	Yellow
30651	12 - 10	4mm ²	6mm ²	5mm	Yellow
30652	12 - 10	4mm ²	6mm ²	6mm	Yellow
30653	12 - 10	4mm ²	6mm ²	8mm	Yellow
30654	12 - 10	4mm ²	6mm ²	10mm	Yellow
30655	12 - 10	4mm ²	6mm ²	13mm	Yellow



Crimp Connectors – Ring – Non-Insulated – Tin Plated Copper

Code	Cable Size AWG	Min. Cable Size	Max. Cable Size	Mounting Hole Diameter
30533	22 - 16	.5mm ²	1.5mm ²	3.5mm
30534	22 - 16	.5mm ²	1.5mm ²	4mm
30535	22 - 16	.5mm ²	1.5mm ²	5mm
30536	22 - 16	.5mm ²	1.5mm ²	6mm
30537	22 - 16	.5mm ²	1.5mm ²	8mm
30538	22 - 16	.5mm ²	1.5mm ²	10mm
30539	16 - 14	1.5mm ²	2.5mm ²	3.5mm
30540	16 - 14	1.5mm ²	2.5mm ²	4mm
30541	16 - 14	1.5mm ²	2.5mm ²	5mm
30542	16 - 14	1.5mm ²	2.5mm ²	6mm
30543	16 - 14	1.5mm ²	2.5mm ²	8mm
30544	16 - 14	1.5mm ²	2.5mm ²	10mm
30549	12 - 10	4mm ²	6mm ²	3.5mm
30550	12 - 10	4mm ²	6mm ²	4mm
30551	12 - 10	4mm ²	6mm ²	5mm
30552	12 - 10	4mm ²	6mm ²	6mm
30553	12 - 10	4mm ²	6mm ²	8mm
30554	12 - 10	4mm ²	6mm ²	10mm
30555	12 - 10	4mm ²	6mm ²	13mm



Crimp Connectors – Spade – Pre-Insulated – Tin Plated Copper

Code	Cable Size AWG	Min. Cable Size	Max. Cable Size	Stud Size	Colour
30421	22 - 16	.5mm ²	1.5mm ²	3.5mm	Red
30422	22 - 16	.5mm ²	1.5mm ²	4mm	Red
30423	22 - 16	.5mm ²	1.5mm ²	5mm	Red
30424	22 - 16	.5mm ²	1.5mm ²	6mm	Red
30425	16 - 14	1.5mm ²	2.5mm ²	3.5mm	Blue
30426	16 - 14	1.5mm ²	2.5mm ²	4mm	Blue
30427	16 - 14	1.5mm ²	2.5mm ²	5mm	Blue
30428	16 - 14	1.5mm ²	2.5mm ²	6mm	Blue
30432	12 - 10	4mm ²	6mm ²	6mm	Yellow



Crimp Connectors – Spade – Double Grip Insulated – Tin Plated Copper

Code	Cable Size AWG	Min. Cable Size	Max. Cable Size	Stud Size	Colour
30621	22 - 16	.5mm ²	1.5mm ²	3.5mm	Red
30622	22 - 16	.5mm ²	1.5mm ²	4mm	Red
30623	22 - 16	.5mm ²	1.5mm ²	5mm	Red
30624	22 - 16	.5mm ²	1.5mm ²	6mm	Red
30625	16 - 14	1.5mm ²	2.5mm ²	3.5mm	Blue
30626	16 - 14	1.5mm ²	2.5mm ²	4mm	Blue
30627	16 - 14	1.5mm ²	2.5mm ²	5mm	Blue
30628	16 - 14	1.5mm ²	2.5mm ²	6mm	Blue
30629	12 - 10	4mm ²	6mm ²	3.5mm	Yellow
30630	12 - 10	4mm ²	6mm ²	4mm	Yellow
30631	12 - 10	4mm ²	6mm ²	5mm	Yellow
30632	12 - 10	4mm ²	6mm ²	6mm	Yellow



Crimp Connectors – Spade – Non-Insulated – Tin Plated Copper

Code	Cable Size AWG	Min. Cable Size	Max. Cable Size	Stud Size
30521	22 - 16	.5mm ²	1.5mm ²	3.5mm
30522	22 - 16	.5mm ²	1.5mm ²	4mm
30523	22 - 16	.5mm ²	1.5mm ²	5mm
30524	22 - 16	.5mm ²	1.5mm ²	6mm
30525	16 - 14	1.5mm ²	2.5mm ²	3.5mm
30526	16 - 14	1.5mm ²	2.5mm ²	4mm
30527	16 - 14	1.5mm ²	2.5mm ²	5mm
30528	16 - 14	1.5mm ²	2.5mm ²	6mm
30529	12 - 10	4mm ²	6mm ²	3.5mm
30530	12 - 10	4mm ²	6mm ²	4mm
30531	12 - 10	4mm ²	6mm ²	5mm
30532	12 - 10	4mm ²	6mm ²	6mm



Crimp Connectors – Splice – Tin Plated Brass with Nylon 66

Code	Cable Size AWG	Min. Cable Size	Max. Cable Size	Colour
30486	22 - 16	.25mm ²	1mm ²	Red
30487	16 - 14	1mm ²	2.5mm ²	Blue
30488	12 - 10	4mm ²	6mm ²	Yellow



Space Connectors – Chassis Mount – Bushings – Nylon 66 – Black

Code	Diameter	Mounting Hole Diameter	Length	Tab Size	Other Information
30685	17.45mm	16.256mm	22.2mm	6.3mm	DC 68-2-2 Tinned Contacts
30686	17.45mm	16.256mm	22.6mm	6.3mm	DC 68-2-2



Crimp Connectors – U – Tin Plated Copper

Code	Cable Size AWG	Cable Size mm	Colour
30684	19 - 24	1.52mm ^o	Clear

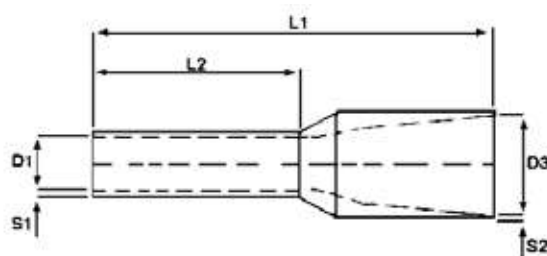


Ferrules – Single Wire Bootlace Pins – Non-Insulated – Tin Plated Copper

Code	Cable Size AWG	Cable Size	Diameter	Length
30306	17	1mm ²	1.4mm	6mm
30314	10	6mm ²	3.5mm	12mm
30307	17	1mm ²	1.4mm	10mm
30315	10	6mm ²	3.5mm	15mm
30308	16	1.5mm ²	1.7mm	7mm
30316	7	10mm ²	4.5mm	12mm
30301	24	0.25mm ²	0.8mm	5mm
30309	16	1.5mm ²	1.7mm	10mm
30317	7	10mm ²	4.5mm	15mm
30302	20	0.5mm ²	1mm	6mm
30310	14	2.5mm ²	2.2mm	7mm
30318	7	10mm ²	4.5mm	18mm
30303	20	0.5mm ²	1mm	10mm
30311	14	2.5mm ²	2.2mm	10mm
30304	18	0.75mm ²	1.2mm	6mm
30312	12	4mm ²	2.8mm	9mm
30305	18	0.75mm ²	1.2mm	10mm
30313	12	4mm ²	2.8mm	12mm
30322	3	25mm ²	7.3mm	15mm
30324	2	35mm ²	8.3mm	18mm
30325	1	50mm ²	10.3mm	25mm
30320	6	16mm ²	5.8mm	15mm
30319	6	16mm ²	5.8mm	12mm
30323	3	25mm ²	7.3mm	18mm



Ferrules – Single Wire Bootlace Pins – Pre-Insulated – Tin Plated Copper



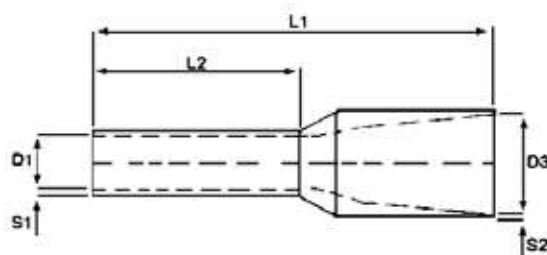
Code	Cable Size AWG	Cable Size	Colour	L1	L2	D1	S1	D3	S2
30348	24	0.25mm ²	Violet	10mm	6mm	0.75mm	0.15mm	1.9mm	0.25mm
30349	22	0.34mm ²	Pink	10mm	6mm	0.8mm	0.15mm	1.9mm	0.25mm
30350	20	0.5mm ²	White	14mm	8mm	1mm	0.15mm	2.6mm	0.25mm
30350-L10	20	0.5mm ²	White	16mm	8mm	1mm	0.15mm	2.6mm	0.25mm
30350BS	20	0.5mm ²	White	14mm	8mm	1mm	0.15mm	2.6mm	0.25mm
30351	18	0.75mm ²	Blue	14.6mm	8.2mm	1.2mm	0.15mm	2.8mm	0.25mm
30352	17	1mm ²	Red	14.6mm	8.2mm	1.4mm	0.15mm	3mm	0.25mm
30353	16	1.5mm ²	Black	14.6mm	8.2mm	1.7mm	0.15mm	3.5mm	0.25mm
30354	14	2.5mm ²	Grey	15.2mm	8.2mm	2.2mm	0.20mm	4mm	0.25mm
30355	12	4mm ²	Orange	16.5mm	9mm	2.8mm	0.20mm	4.4mm	0.30mm
30356	10	6mm ²	Green	20mm	12mm	3.5mm	0.20mm	6.3mm	0.30mm
30357	7	10mm ²	Brown	21.5mm	12mm	4.5mm	0.20mm	7.6mm	0.40mm
30358	6	16mm ²	Ivory	22.2mm	12mm	5.8mm	0.20mm	8.8mm	0.40mm
30359	3	25mm ²	Black	29mm	16mm	7.3mm	0.20mm	11.2mm	0.40mm
30360	2	35mm ²	Red	30mm	16.5mm	8.3mm	0.20mm	12.5mm	0.50mm
30361	1	50mm ²	Blue	36mm	19mm	10.3mm	0.30mm	15mm	0.60mm
30370	20	0.5mm ²	Orange	14mm	8mm	1mm	0.15mm	2.6mm	0.25mm
30371	18	0.75mm ²	White	14.6mm	8.2mm	1.2mm	0.15mm	2.8mm	0.25mm
30372	17	1mm ²	Yellow	14.6mm	8.2mm	1.4mm	0.15mm	3mm	0.25mm

Ferrules – Single Wire Bootlace Pins – Pre-Insulated – Tin Plated Copper (cont.)

Code	Cable Size AWG	Cable Size	Colour	L1	L2	D1	S1	D3	S2
30373	16	1.5mm ²	Red	14.6mm	8.2mm	1.7mm	0.15mm	3.5mm	0.25mm
30374	14	2.5mm ²	Blue	15.2mm	8.2mm	2.2mm	0.15mm	4mm	0.25mm
30375	12	4mm ²	Grey	16.5mm	9mm	2.8mm	0.20mm	4.4mm	0.30mm
30376	10	6mm ²	Black	20mm	12mm	3.5mm	0.20mm	6.3mm	0.30mm
30377	7	10mm ²	Ivory	21.5mm	12mm	4.5mm	0.20mm	7.6mm	0.40mm
30378	6	16mm ²	Green	22.2mm	12mm	5.8mm	0.20mm	8.8mm	0.40mm
30379	3	25mm ²	Brown	29mm	16mm	7.3mm	0.20mm	11.2mm	0.40mm
30380	2	35mm ²	Beige	30mm	16.2mm	8.3mm	0.20mm	12.5mm	0.50mm
30381	1	50mm ²	Olive	36mm	19mm	10.3mm	0.30mm	15mm	0.60mm



Ferrules – Twin Wire Bootlace Pins- Pre-Insulated – Tin Plated Copper



Code	Cable Size AWG	Cable Size	Colour	L1	L2	D1	S1	D3	S2
30288	20	2 x 0.5mm ²	White	15mm	8mm	1.4mm	0.15mm	4.7mm	0.25mm
30289	18	2 x 0.75mm ²	Blue	15mm	8mm	1.7mm	0.15mm	5mm	0.25mm
30290	18	2 x 0.75mm ²	Blue	17mm	10mm	1.7mm	0.15mm	5mm	0.25mm
30291	17	2 x 1mm ²	Red	15mm	8mm	1.95mm	0.15mm	5.4mm	0.3mm
30292	17	2 x 1mm ²	Red	17mm	10mm	1.95mm	0.15mm	5.4mm	0.3mm
30293	16	2 x 1.5mm ²	Black	16mm	8mm	2.2mm	0.15mm	6.6mm	0.3mm
30294	16	2 x 1.5mm ²	Black	20mm	12mm	2.2mm	0.15mm	6.6mm	0.3mm
30295	14	2 x 2.5mm ²	Grey	18.5mm	10mm	2.8mm	0.20mm	7.8mm	0.3mm
30296	14	2 x 2.5mm ²	Grey	21.5mm	13mm	2.8mm	0.20mm	7.8mm	0.3mm
30297	12	2 x 4mm ²	Orange	23mm	12mm	3.7mm	0.20mm	8.8mm	0.4mm
30298	10	2 x 6mm ²	Green	26mm	14mm	4.8mm	0.20mm	10mm	0.4mm
30299	7	2 x 10mm ²	Brown	26mm	14mm	6.4mm	0.20mm	13mm	0.4mm
30300	6	2 x 16mm ²	Ivory	30mm	14mm	8.2mm	0.20mm	18.4mm	0.4mm



Ferrules – Single Wire Bootlace Pins – Pre-Insulated Value Packs – Brass

Code	Contents
30390	50 x White 0.5mm ² 100 x Blue 0.72mm ² 100 x Red 1mm ² 100 x Black 1.5mm ² 50 x Grey 2.5mm ²
30391	50 x Orange 0.5mm ² 100 x White 0.72mm ² 100 x Yellow 1mm ² 100 x Red 1.5mm ² 50 x Blue 2.5mm ²



Code	Contents
30392	50 x Orange 4mm ² 20 x Green 6mm ² 20 x Brown 10mm ² 10 x Ivory 16mm ²
30393	50 x Grey 4mm ² 20 x Black 6mm ² 20 x Ivory 10mm ² 10 x Green 16mm ²



Crimp Lugs - Standard - Zinc Plated Copper

Code	Cable Size	Length	Mounting Hole Diameter
31001	1.5mm ²	19.9mm	5.3mm
31002	1.5mm ²	22mm	6.3mm
31004	2.5mm ²	19.9mm	5.3mm
31005	2.5mm ²	22mm	6.3mm
31006	4mm ²	26.2mm	5.3mm
31007	4mm ²	26.2mm	6.4mm
31008	4mm ²	28.7mm	8.4mm
31010	6mm ²	27.3mm	6.4mm
31011	6mm ²	30.5mm	8.4mm
31012	10mm ²	25mm	5mm
31013	10mm ²	31mm	6.4mm
31014	10mm ²	31mm	8.4mm
31015	10mm ²	31mm	10.5mm
31017	16mm ²	33.5mm	6.4mm
31018	16mm ²	33.5mm	8.4mm
31019	16mm ²	38mm	10.5mm
31020	16mm ²	49mm	13mm
31021	25mm ²	39mm	6.4mm
31022	25mm ²	39mm	8.4mm



Crimp Lugs - Standard - Zinc Plated Copper (cont.)

Code	Cable Size	Length	Mounting Hole Diameter
31023	25mm ²	39mm	10.5mm
31025	35mm ²	43mm	6.4mm
31026	35mm ²	43mm	8.4mm
31027	35mm ²	43mm	10.5mm
31028	35mm ²	46mm	12mm
31030	50mm ²	53mm	8.4mm
31031	50mm ²	53mm	10.5mm
31035	70mm ²	56mm	8.4mm
31036	70mm ²	56mm	10.5mm
31037	70mm ²	56mm	13.2mm
31041	95mm ²	62mm	10.5mm
31042	95mm ²	62mm	13.2mm
31046	120mm ²	69mm	10.5mm
31047	120mm ²	69mm	13.2mm
31051	150mm ²	75mm	13.2mm
31056	185mm ²	87mm	17mm
31060	240mm ²	89mm	17mm
31063	300mm ²	108mm	21mm



Crimp Lugs – Standard – Zinc Plated Copper (cont.)

Code	Cable Size	Length	Mounting Hole Diameter
95009	4mm ²	22mm	5.2mm
95011	4mm ²	29mm	8.2mm
95013	6mm ²	26mm	5.2mm
95014	6mm ²	26mm	6.2mm
95015	6mm ²	31mm	8.2mm
95018	10mm ²	28mm	6.2mm
95023	16mm ²	39mm	6.2mm
95024	16mm ²	39mm	8.2mm
95025	16mm ²	50mm	10.5mm
95028	25mm ²	42mm	8.2mm
95029	25mm ²	50mm	10.5mm
95031	35mm ²	46mm	6.2mm
95032	35mm ²	46mm	8.2mm
95033	35mm ²	46mm	10.5mm
95038	50mm ²	49mm	10.5mm
95042	70mm ²	54mm	8.2mm
95044	70mm ²	54mm	13mm
95051	95mm ²	60mm	13mm
95019	10mm ²	30mm	8.2mm
95027	25mm ²	42mm	6.2mm
95039	50mm ²	49mm	13mm



Crimp Lugs – Heavy Duty – Zinc Plated Copper

Code	Cable Size	Length	Mounting Hole Diameter
51001	1.5mm ²	18mm	4.2mm
51002	1.5mm ²	19mm	5.2mm
51003	1.5mm ²	20mm	6.2mm
51012	4mm ²	29mm	8.2mm
51013	6mm ²	26mm	4.2mm
51014	6mm ²	26mm	5.2mm
51015	6mm ²	26mm	6.2mm
51016	6mm ²	26mm	8.2mm
51018	10mm ²	28mm	5.2mm
51019	10mm ²	28mm	6.2mm
51020	10mm ²	30mm	8.2mm
51021	10mm ²	35mm	10.5mm
51022	10mm ²	38mm	13mm
51029	25mm ²	42mm	8.2mm
51030	25mm ²	50mm	10.5mm
51031	25mm ²	50mm	13mm
51032	35mm ²	46mm	6.2mm
51033	35mm ²	46mm	8.2mm
51034	35mm ²	46mm	10.5mm
51047E	70mm ²	64mm	17mm



Crimp Lugs – Heavy Duty – Zinc Plated Copper (cont.)

Code	Cable Size	Length	Mounting Hole Diameter
51048	70mm ²	77mm	21mm
51052	95mm ²	75mm	13mm
51059	120mm ²	75mm	17mm
51064	150mm ²	78mm	17mm
51057E	120mm ²	70mm	13mm
51059E	120mm ²	75mm	17mm



Crimp Lugs – Heavy Duty (No Inspection Hole) – Copper

Code	Cable Size	Length	Mounting Hole Diameter
31025HD	35mm ²	43mm	6.4mm
31026HD	35mm ²	43mm	8.4mm
31031HD	50mm ²	53mm	10.5mm



Terminal Blocks – PCB Pluggable – Nylon 66 Casing – Blue

Code	Number of Poles	Voltage Rating	Current Rating	Min. Cable Size	Max. Cable Size
31632	2	250V	10A	.25mm	2.5mm
31633	3	250V	10A	.25mm	2.5mm



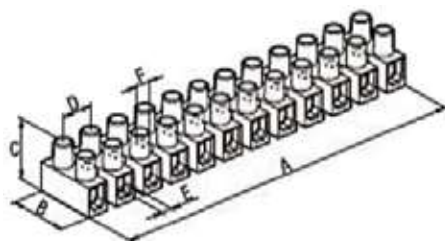
Terminal Header Strips – 24 Pins

Code	Number of Poles	Voltage Rating	Current Rating
31624	24	250V	10A



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Terminal Blocks – 12 Poles – Nylon 66 Casing – Natural



**Includes a wire protection flap.*

Code	Volts	Amps	Cable Size	A	B	C	D	E	F	Raised Base Height
31610	450V	15A	0.75 - 1.5mm ²	96.2mm	17mm	14.5mm	8mm	2.9mm	2.8mm	1.2mm
31611*	450V	15A	0.75 - 1.5mm ²	96.2mm	17mm	14.5mm	8mm	2.9mm	2.8mm	1.2mm
31612	450V	20A	1 - 4mm ²	117.5mm	20.2mm	17mm	10mm	3.6mm	3.4mm	1.2mm
31613*	450V	20A	1 - 2.5mm ²	117.5mm	20.2mm	17mm	10mm	3.6mm	3.4mm	1.2mm
31614	500V	40A	2.5 - 6mm ²	140.7mm	23.8mm	19mm	12mm	3.9mm	4.2mm	1.2mm
31615*	500V	40A	2.5 - 6mm ²	140.7mm	23.8mm	19mm	12mm	3.9mm	4.2mm	1.2mm
31616	500V	50A	4 - 10mm ²	158mm	25.6mm	25.2mm	13.5mm	4.4mm	5mm	2.5mm
31617*	500v	50A	4 - 10mm ²	158mm	25.6mm	25.2mm	13.5mm	4.4mm	5mm	2.5mm
31618	450V	15A	2.5mm ²	96.2mm	17mm	14.5mm	8.2mm	2.9mm	2.9mm	1.0mm
31619*	450V	15A	1.5mm ²	96.2mm	17mm	14.5mm	8.2mm	2.9mm	2.5mm	1.0mm
31620	450V	20A	4mm ²	116.8mm	20.2mm	16.7mm	10mm	3.6mm	3.2mm	1.0mm
31621*	450V	20A	2.5mm ²	116.8mm	20.2mm	16.7mm	10mm	3.6mm	2.9mm	1.0mm



Terminal Blocks – 12 Poles – Polyethylene Casing – Natural

Code	Number of Poles	Voltage Rating	Current Rating	Cable Size
31625	12	400V	6A	2.5mm ²
31626	12	400V	10A	4mm ²
31627	12	400V	16A	6mm ²
31628	12	400V	32A	10mm ²



Terminal Blocks – Solder Mount – Nylon 66 Casing – Green

Code	Number of Poles	Voltage Rating	Current Rating	Min. Cable Size	Max. Cable Size
31602	2	250V	12A	0.25mm ²	2.5mm ²
31603	3	250V	12A	0.25mm ²	2.5mm ²



Bootlace Ferrule Crimping Tools

Code	Min. Cable Size	Max. Cable Size
23033	0.5mm ²	2.5mm ²



Code	Min. Cable Size	Max. Cable Size
23035	6mm ²	16mm ²



Code	Min. Cable Size	Max. Cable Size
23036	0.5mm ²	6mm ²



Copper Compression Lug Crimping Tools

Code	Min. Cable Size	Max. Cable Size
23037	0.5mm ²	16mm ²



Code	Min. Cable Size	Max. Cable Size
23038	10mm ²	95mm ²



Code	Min. Cable Size	Max. Cable Size
23039	35mm ²	120mm ²



Copper Compression Lug Crimping Tools (cont.)

Code	Min. Cable Size	Max. Cable Size
23040	10mm ²	95mm ²



Code	Min. Cable Size	Max. Cable Size
23041	10mm ²	50mm ²



Code	Min. Cable Size	Max. Cable Size
23042	10mm ²	120mm ²



Non-Insulated Terminal Crimping Tools

Code	Min. Cable Size	Max. Cable Size
23044	1.25mm ²	5.5mm ²



Code	Min. Cable Size	Max. Cable Size
23045	0.5mm ²	2.5mm ²



Code	Min. Cable Size	Max. Cable Size
23046	0.5mm ²	6mm ²



Non-Insulated Terminal Crimp Pliers (cont.)

Code	Min. Cable Size	Max. Cable Size
23047	1.1mm ²	10mm ²



Pre-Insulated Terminal Crimp Pliers

Code	Min. Cable Size	Max. Cable Size
23001	0.5mm ²	6mm ²
23002	0.5mm ²	6mm ²



Cable Stripper - Self-Adjusting

Code	Min. Cable Size	Max. Cable Size
23049	0.5mm	8mm



Automatic Cable Tie Installation Tools – For Nylon Cable Ties

Code	Min. Cable Size	Max. Cable Size
23019	2.2mm	5mm



Manual Cable Tie Installation Tools – For Nylon Cable

Code	Min. Cable Size	Max. Cable Size
23014	7.8mm	13mm



Code	Min. Cable Size	Max. Cable Size
23017	2.5mm	10mm



Strain Relief Pliers

Code	Mounting Hole Diameter
23043	9.5mm - 19mm



Screwdriver Bit Set

Code	Number of Bits	Material
23003	7	Steel



Cutting Blades – Multi-Purpose

Code	Profile	Material
23021	Small	All Metal
23023	Small	Plastic / Metal
23024	Small	All Plastic
23025	Medium	Plastic / Metal
23027	Medium	Plastic / Metal



Tape Measures

Code	Length	Width
23004	2m	13mm
23005	3m	19mm
23006	5m	25mm
23008	2m	13mm
23009	3m	19mm
23010	5m	25mm



Washers – Standard – Nylon 66 – Natural

Code	Diameter	Internal Hole Diameter	Thickness
V16FW010062	9.53mm	4.93mm	1.58mm
V16M03080080	8mm	3.2mm	0.79mm
V17W05002	12.7mm	9.78mm	4.06mm
V17W05231	13.67mm	6.91mm	1.19mm
V17W06153	15.88mm	10.31mm	3.05
V17W06255	15.88mm	6.35mm	1.57mm
V17W06255B	15.88mm	6.35mm	1.57mm
V17W06271	16.99mm	8.41mm	2mm
V17W06276	15.88mm	9.14mm	1.14mm
V17W08070	20.5mm	10.21mm	1.7mm
V17W12504	31.75mm	13.11mm	1.57mm
V17W12580	31.95mm	5.74mm	1.65mm
V17W12604	32.36mm	10.16mm	1.57mm
V17W20002	50.8mm	12.95mm	1.52mm
V41800	22mm	15mm	1.5mm



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Washers – Standard – Nylon 66 – Black

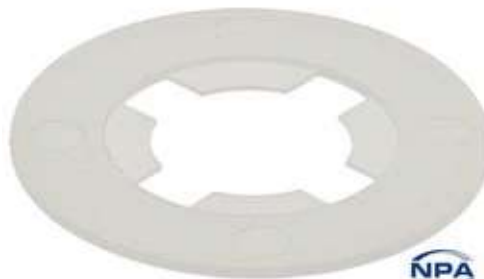
Code	Diameter	Internal Hole Diameter	Thickness
V16M03080080B	8mm	3.2mm	0.79mm
V16M10022250B	21.99mm	10.49mm	2.49mm
V41801	25.4mm	16.51mm	1.57mm



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Washers – Retaining – Mylar – Nylon 66 – Natural

Code	Diameter	Internal Hole Diameter	Thickness
11001	7.65mm	3.6mm	0.2mm



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Washers - Sealing - NBR Rubber - Black

Code	Outer Diameter	Inner Hole Diameter	Thickness	Fits Thread
42623	23.5mm	18.2mm	1.2mm	M20
42624	29.5mm	24mm	1.2mm	M25
42625	37.5mm	29.4mm	1.2mm	M32
42626	44.3mm	36.2mm	1.2mm	M40
42627	58mm	47.8mm	1.2mm	M50
42628	73mm	63mm	1.2mm	M63
42629	26.8mm	20.4mm	1.2mm	M22



Washers - Cup - Brass

Code	Diameter	Hole Diameter	Height
12102	10mm	5.1mm	2.4mm



Washers – Shoulder – Nylon 66 – Natural

Code	Diameter	Internal Hole Diameter	Shaft Diameter	Height	Length
V10SC01025	10.13mm	1.57mm	6.6mm	5.08mm	6.35mm
V12SWS2532	18.92mm	9.93mm	13.84mm	2.54mm	3.94mm
V12SWS4022	38.1mm	25.4mm	34.67mm	3.18mm	7.95mm



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Washers – Shoulder – Nylon 66 – Black

Code	Diameter	Internal Hole Diameter	Shaft Diameter	Height	Length
V10SC008014B	8.74mm	1.57mm	5.21mm	4.39mm	3.56mm
V10SC250075B	13.03mm	1.57mm	7.92mm	6.60mm	19.05mm





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South Australia
Australia

A.B.N. 88 007 603 161

100% Australian owned and operated!



ABOUT NPA

100% South Australian owned and managed business.

Specialists in the distribution of Nylon Fasteners, Cable Management Products, Wiring Accessories and Precision Electronic Hardware.

Strong and enduring relationships with leading global suppliers, which has been carefully nurtured over 30+ years of business.



OUR SERVICES

A wealth of experience with over 30+ years of supplying products to local and international markets.

Strong, long-term relationships with key customers and preferred supplier of choice.



WHY US?

In-house expertise to support its broad range of products.

Well stocked modern warehouse in South Australia, rapidly meets customer demand.

Committed to excellence and ISO9001 accredited.