

### Aluminium 'P-Clips' - with/without a Rubber Insert

#### Features and Benefits

Offering a simple, yet secure fixing, this range of clips can be used as a simple pipe or cable fixing (for example within caravan construction), or with the addition of the Chloroprene insert can be used to secure parts subject to vibration (for example to retain capacitors on a PCB).

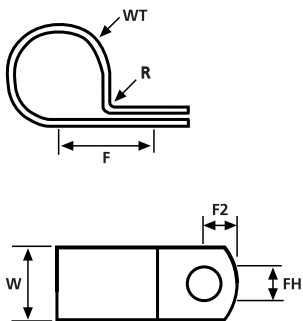
Ideal for use in high temperatures or for applications that require the strength of a metal component.

#### Application

Manufactured from a high quality aluminium these P-Clips provide flexibility and yet give a permanent fixing in the most arduous environments. The addition of a Chloroprene insert provides the cable or pipe bundle with a high degree of protection against vibration, reduces noise and also offers electrical isolation.

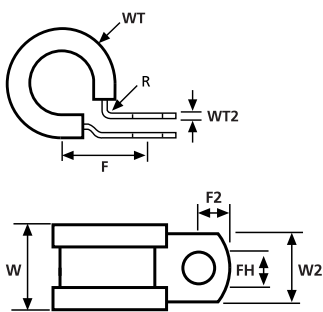


P-Clips manufactured in polyamide, aluminium, or aluminium with a chloroprene insert.



Aluminium P Clips

Material Data	
Material	<b>Aluminium-alloy</b>
Colour	<b>Natural (NA)</b>
Operating Temperature	<b>-40 °C to +180 °C</b>



Aluminium P Clips with a Chloroprene insert

Material Data	
Material	<b>Aluminium-alloy, Chloroprene (CR)</b>
Colour	<b>Natural (NA), Black (BK)</b>
Operating Temperature	<b>-20 °C to +80 °C</b>

## Aluminium 'P-Clips' - with/without a Rubber Insert



*P-Clips manufactured in polyamide, aluminium, or aluminium with a chloroprene insert.*

Technical Table

Article-No.	Type	Width (W)	Width (W2)	Wall (WT)	Wall (WT2)	Fixing Hole Ø (FH)	Bundle Ø max.	Fixing Hole Centres (F)	Fixing Hole Centres (F2)	Radius (R)	Material	Colour
211-10040	<b>ALU4</b>	12.7	–	0.8	–	5.2	6.4	11.6	5.5	1.6	ALU	Natural (NA)
211-10050	<b>ALU5</b>	12.7	–	0.8	–	5.2	8.0	12.6	5.5	1.6	ALU	Natural (NA)
211-10060	<b>ALU6</b>	12.7	–	0.8	–	5.2	9.5	13.4	5.5	1.6	ALU	Natural (NA)
211-10070	<b>ALU7</b>	12.7	–	0.8	–	5.2	11.1	14.2	5.5	1.6	ALU	Natural (NA)
211-10080	<b>ALU8</b>	12.7	–	0.8	–	5.2	12.7	15.0	5.5	1.6	ALU	Natural (NA)
211-10100	<b>ALU10</b>	12.7	–	0.8	–	5.2	15.9	16.6	5.5	1.6	ALU	Natural (NA)
211-10110	<b>ALU11</b>	12.7	–	1.3	–	5.2	17.5	19.1	5.5	2.8	ALU	Natural (NA)
211-10120	<b>ALU12</b>	12.7	–	1.3	–	5.2	19.1	19.9	5.5	2.8	ALU	Natural (NA)
211-10130	<b>ALU13</b>	12.7	–	1.3	–	5.2	20.6	20.7	5.5	2.8	ALU	Natural (NA)
With chloroprene profile												
211-15040	<b>ALU4C</b>	16.3	12.7	3.7	0.8	5.2	3.2	11.6	5.5	1.6	ALU, CR	Black (BK)
211-15050	<b>ALU5C</b>	16.3	12.7	3.7	0.8	5.2	4.8	12.6	5.5	1.6	ALU, CR	Black (BK)
211-15060	<b>ALU6C</b>	16.3	12.7	3.7	0.8	5.2	6.4	13.4	5.5	1.6	ALU, CR	Black (BK)
211-15070	<b>ALU7C</b>	16.3	12.7	3.7	0.8	5.2	8.0	14.2	5.5	1.6	ALU, CR	Black (BK)
211-15080	<b>ALU8C</b>	16.3	12.7	3.7	0.8	5.2	9.5	15.0	5.5	1.6	ALU, CR	Black (BK)
211-15090	<b>ALU9C</b>	16.3	12.7	3.7	0.8	5.2	11.1	15.8	5.5	1.6	ALU, CR	Black (BK)
211-15100	<b>ALU10C</b>	16.3	12.7	3.7	0.8	5.2	12.7	16.6	5.5	1.6	ALU, CR	Black (BK)
211-15110	<b>ALU11C</b>	16.3	12.7	4.5	1.3	5.2	14.3	19.1	5.5	2.8	ALU, CR	Black (BK)
211-15120	<b>ALU12C</b>	16.3	12.7	4.5	1.3	5.2	15.9	19.9	5.5	2.8	ALU, CR	Black (BK)
211-15130	<b>ALU13C</b>	16.3	12.7	4.5	1.3	5.2	17.5	20.7	5.5	2.8	ALU, CR	Black (BK)
211-15140	<b>ALU14C</b>	16.3	12.7	4.5	1.3	5.2	19.1	21.5	5.5	2.8	ALU, CR	Black (BK)
211-15150	<b>ALU15C</b>	16.3	12.7	4.5	1.3	5.2	20.6	22.3	5.5	2.8	ALU, CR	Black (BK)
211-15160	<b>ALU16C</b>	16.3	12.7	4.5	1.3	5.2	22.2	23.1	5.5	2.8	ALU, CR	Black (BK)
211-15170	<b>ALU17C</b>	16.3	12.7	4.5	1.3	5.2	23.8	23.9	5.5	2.8	ALU, CR	Black (BK)
211-15180	<b>ALU18C</b>	16.3	12.7	4.5	1.3	5.2	25.4	24.6	5.5	2.8	ALU, CR	Black (BK)
211-15190	<b>ALU19C</b>	16.3	12.7	4.5	1.3	5.2	27.0	25.5	5.5	2.8	ALU, CR	Black (BK)
211-15200	<b>ALU20C</b>	16.3	12.7	4.5	1.6	5.2	28.6	27.0	5.5	3.2	ALU, CR	Black (BK)
211-15220	<b>ALU22C</b>	16.3	12.7	4.5	1.6	5.2	31.8	28.6	5.5	3.2	ALU, CR	Black (BK)
211-15230	<b>ALU23C</b>	16.3	12.7	4.5	1.6	5.2	33.3	29.4	5.5	3.2	ALU, CR	Black (BK)
211-15240	<b>ALU24C</b>	16.3	12.7	4.5	1.6	5.2	34.9	30.2	5.5	3.2	ALU, CR	Black (BK)
211-15250	<b>ALU25C</b>	16.3	12.7	4.5	1.6	5.2	36.5	30.8	5.5	3.2	ALU, CR	Black (BK)
211-15260	<b>ALU26C</b>	16.3	12.7	4.5	1.6	5.2	38.1	31.7	5.5	3.2	ALU, CR	Black (BK)
211-15280	<b>ALU28C</b>	16.3	12.7	4.5	1.6	5.2	41.3	33.3	5.5	3.2	ALU, CR	Black (BK)
211-15290	<b>ALU29C</b>	16.3	12.7	4.5	1.6	5.2	42.9	34.1	5.5	3.2	ALU, CR	Black (BK)
211-15300	<b>ALU30C</b>	16.3	12.7	4.5	1.6	5.2	44.5	34.9	5.5	3.2	ALU, CR	Black (BK)
211-15340	<b>ALU34C</b>	16.3	12.7	4.5	1.6	5.2	50.8	38.1	5.5	3.2	ALU, CR	Black (BK)

All dimensions in mm. Subject to technical changes.