



# Material Safety Data Sheet



## Section 1 Company and Product Identification

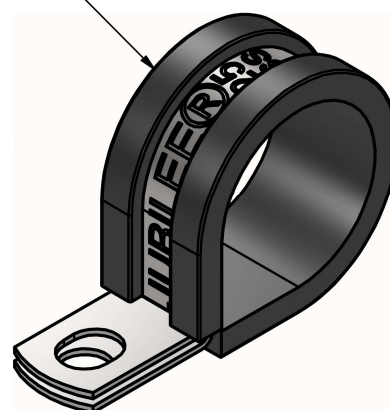
L. Robinson & Company (Gillingham) Limited,  
 Incorporating Jubilee® Clips Limited  
 Owens Way, Gads Hill,  
 Gillingham,  
 Kent,  
 ME7 2RS

Tel: +44 (0)1634 281200  
 Fax: +44 (0)1634 280101

Email: [sales@jubileeclips.co.uk](mailto:sales@jubileeclips.co.uk)  
[http:// www.jubileeclips.co.uk](http://www.jubileeclips.co.uk)

Jubilee® P Clips 304 Stainless Steel (W4) Range

EPDM RUBBER



Part Number	Diameter mm	Liner Width mm	Band Width mm	Band Thickness mm	Fastening
JPC005SS	5	15	12	0.8	M6
JPC006SS	6	15	12	0.8	M6
JPC008SS	8	15	12	0.8	M6
JPC009SS	9	15	12	0.8	M6
JPC010SS	10	15	12	0.8	M6
JPC012SS	12	15	12	0.8	M6
JPC013SS	13	15	12	0.8	M6
JPC014SS	14	15	12	0.8	M6
JPC015SS	15	15	12	0.8	M6
JPC016SS	16	15	12	0.8	M6
JPC017SS	17	15	12	0.8	M6
JPC018SS	18	15	12	0.8	M6
JPC019SS	19	15	12	0.8	M6
JPC020SS	20	15	12	0.8	M6
JPC021SS	21	15	12	0.8	M6
JPC022SS	22	15	12	0.8	M6
JPC025SS	25	15	12	0.8	M6
JPC027SS	27	15	12	0.8	M6
JPC028SS	28	15	12	0.8	M6
JPC029SS	29	15	12	0.8	M6
JPC030SS	30	15	12	0.8	M6
JPC032SS	32	15	12	0.8	M6
JPC035SS	35	15	12	0.8	M6
JPC040SS	40	15	12	0.8	M6
JPC044SS	44	15	12	0.8	M6
JPC048SS	48	15	12	0.8	M6
JPC052SS	52	15	12	0.8	M6
JPC060SS	60	15	12	0.8	M6

## Section 2 Composition/Information on Ingredients

Composition/Information on constituents of iron alloy.

Manganese	< 2%
Chromium	< 20%
Nickel	< 11%

Other elements vary such as Si, Cu, Ti, in each alloy composition and are generally not classified as hazardous, or are below the concentration levels for classification of these alloys as hazardous, and are not subject to recognised exposure limits.

## Section 3 First Aid Measures

Inhalation:	There are no specific symptoms associated with steel in the product forms.
Skin:	There are no specific symptoms associated with steel in the product forms.
Eyes:	Not applicable.
Ingestion:	Not applicable.

## Section 4 Fire Fighting Measures

Non flammable

## Section 5 Handling and Storage

Store in a dry area

## Section 6 Physical and Chemical Properties

Band

Colour:	Metallic grey/silver
Odour:	None
Form/state:	Solid
Tensile Strength:	520-720 Mpa Min
Melting point:	1450 °C
Max service temp:	870 °C
Min service temp:	-196 °C
Magnetism:	1.008 μ
Resistance:	72 μΩ
Density:	8.03 g/cm <sup>3</sup>

Liner EPDM (Ethylene Propylene Diene Monomer)

Max Service Temp:	120 °C
Min Service Temp:	-40 °C
Shore Hardness:	60 Shore
Tensile Strength:	7 N/mm <sup>2</sup>
Elongation at Break:	350%
Change in Hardness:	+5 Max
Change in Tensile:	-25% Max
Change in Elongation:	25%
Compression Set:	35% Max

## Section 7 Stability and Reactivity

Stability: Stable in normal condition  
Reacts with: Reacts with strong acids, and hydrogen is then one of the substances emitted.  
Welding/flame cutting may produce Zinc Oxide fumes.  
Corrosion Resistance: NSS (Neutral Salt Spray tests) 1000 hours

## Section 8 Toxicological Information

Not applicable to steel in the product forms.

## Section 9 Ecological Information

No ecological effects are known for the product as a whole.

## Section 10 Disposal Considerations

Disposal method: Recyclable, Jubilee® clips' 304 Stainless Steel P Clip Range are made from key raw material for the production of new steel. Steel is the world's most recycled construction material and can be recycled with retained material properties.

## Section 11 Transport Information

No special requirements are necessary in transporting these products.

## Section 12 Regulatory Information

This product conforms to EU Regulation 1097/2006 (REACH)  
This product is compliant with EU directive 2011/65/EU (ROHS2)  
BS EN ISO 9001:2008 FM00547  
BS EN ISO 14001:2004 EMS573195

Quality Assurance:



## Section 13 Other Information

The information above is believed to be accurate and represents the best information currently available to L. Robinson & Co Ltd. However, L. Robinson & Co Ltd make no warranty of merchantability or any other warranty, expressed or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall L. Robinson & Co Ltd be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if L. Robinson & Co Ltd has been advised of the possibility of such damages.

**Document Issue Date:** 25<sup>th</sup> July 2023

**Revision Number:** 13