



CHROMATECH ultra

The ultimate “warm-edge” spacer for IG

Advantages of the Stainless Steel spacer with Polycarbonate top:

- Minimal condensation through low PSI value – best in class.
- Stable flexible design with the advantages of both steel and plastics.
- Bends easily and fast on almost any bending machine.
- The only spacer with plastic that bends prefilled.

The best material selection available:

- Austenitic^{*1} stainless steel for lowest thermal conductivity and most form stable profiles.
- Polycarbonate^{*2} plastics for lowest possible elongation variance, minimum static electricity and best bending characteristics available.

Bending guidelines:

Bends like aluminium profiles with following general adjustments:

- Use 4 mm undersize inside bending tool, i.e. 12 mm for 16 mm profile.
 - o Note: Tool must be centred with 2 mm distance plate.
- Increase side pressure slightly until correct corner width is obtained.
- Over bending typically 15 – 20° for perfect 90° corners
- Cut with stainless steel cutter.

For further bending instructions, contact your bending machine supplier.

Note:

^{*1}Austenitic steel has 40% less thermal transmittance than ferritic steel, improving PSI values significantly.

^{*2}Polycarbonate thermal expansion is 60% less than polypropylene, which reduces stress on sealants.

In general ROLLTECH recommends our customers carefully to evaluate their needs and application when selecting spacer solution. In particular thermal and mechanical properties should be considered.