

# CV4S2 steel

## General description

Cold-rolled and skin-passed extra deep drawing steel free from ageing and stretcher strain during forming. For use in deep drawn vitreous enamelled parts. Careful selection of enamel type and strict control of all aspects of pretreatment, enamel preparation, application, and firing are required to achieve a high level of enamel adherence and surface appearance.

## Typical uses

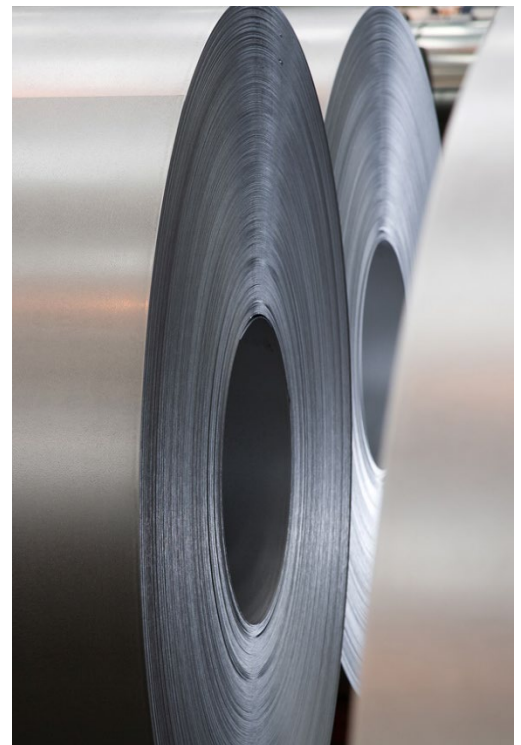
Bathtubs, stove hobs, heaters, architectural panels.

## Australian and International Standards

AS/NZS 1365:1996 (R2016)

ISO 9001:2015 Quality System Certified

## Guaranteed properties of steel base



Mechanical Properties	Guaranteed Value
Yield Strength, MPa (transverse tensile)	-
Tensile Strength, MPa (transverse tensile)	-
Elongation on 80mm %	38 min
Hardness HRB	-
180° Transverse Bend (L axis)	0 t

## Chemical composition of steel base

Chemical Properties	Guaranteed Maximum %
Carbon - C	0.008
Manganese - Mn	0.20
Phosphorus - P	0.016
Sulfur - S	0.018

## Dimensional capabilities

Thickness Range (mm)	Maximum Width (mm)
By enquiry	By enquiry

Notes: Not every combination of thickness and width may be available. Supply conditions may be subject to dimensional restrictions and are subject to BlueScope Sales and Marketing confirmation. Slitting and shearing available on request from BlueScope Sales Offices. For requirements outside the standard product range please contact your local Sales Office.

## Supply conditions

Attribute	Normal	Optional
Surface Condition	Matt	-
Surface Treatment	Oiled	Not Oiled
Branding	Not Branded	-
Tolerance - Dimensions	Class A	Class B
Tolerance - Flatness	Class A	-
Edge Condition	Mill Edge	Trimmed Edge

Important Notes: Optional supply conditions may be subject to dimensional restrictions

## Fabricating performance

Method	Rating
Bending	5
Drawing	5
Pressing	5
Roll Forming	5
Welding (design must allow for some strength reduction near welds)	5
Painting Pre-treatment	5

Where: 1 = Limited to 5 = Excellent or NR = Not Recommended

The ratings in this table are general indicators only, given as a guide to fabricating performance.

## Fire hazard properties

Test & Evaluation Method	Result
Combustibility test for materials (AS 1530.1-1994 (R2016))	Not deemed combustible (steel substrate) #

# These test results relate only to the behaviour of the test specimens of the material under the particular conditions of the test and they are not intended to be the sole criterion for assessing the potential fire hazard of the material in use.

## Important information

Material should be used promptly to avoid the possibility of a storage related corrosion. Oiling improves corrosion resistance, but oiled product should be used within three months.

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To ensure you have the  
most current information

**1800 024 402**

steeldirect@bluescopesteel.com  
For more information contact Steel Direct



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