

CAPACITOR ENGG. SPECIFICATION

सीपीई / CPE
नियंत्रित प्रति / CONTROLLED

PURCHASE SPECIFICATION

CPE/PS/8018/04

SPECIFICATION OF STAINLESS STEEL ANNEALED

ORDERING DESCRIPTION

1. MATERIAL: STAINLESS STEEL SHEET ANNEALED

Material offered should comply with all the requirements of this specification.

2. CONDITION OF DELIVERY:

The sheets shall be supplied in cold rolled annealed condition.

3. DIMENSIONS:

All dimensions of sheet shall be stated on order :
Test certificate shall bear the following information :
BHEL's reference
CPE/PS/8018/04
Our Order No.
Supplier's reference.
Particulars of heat treatment.
Results of tests.
Results of the chemical analysis and all mechanical tests specified in this specification.

4. PACKING AND MARKING:

Sheets shall be packed in bundles suitably protected from any possibility of becoming damaged or wet/damp during transit. Each packing shall bear the following particulars:
CPE/PS/8018/04 Stainless steel sheet annealed.
Our Order No.
Supplier's name
Cast No./Lot No.
Thickness, Width & Length
Net Weight

Rev. : 01 Date : 21/06/96 Tolerance on Width, length & thickness modified. SRK AKB	Distribution 1)CPM (PP) 2)QC (TCB)	Approved By : <i>A.K. Bhattacharya</i> A.K. BHATTACHARYA	Prepared By <i>S.R. Kamath</i> S.R. KAMATH	Issued CPE	Date : 22/12/94
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1. GENERAL

This specification governs the quality of cold rolled/ferritic stainless steel sheet in the annealed and descaled (pickled) condition for use in the manufacture of capacitor boxes.

2. COMPLIANCE WITH NATIONAL STANDARDS.

This specification is generally based on BS:1449 Part-2 1983 and ASTM A-176-93a & IS-6911-1992.

3. DIMENSIONS AND TOLERANCES

3.1 Sizes

All dimensions of sheet shall be stated on order.

3.2 Tolerances

3.2.1 Thickness

Tolerance shall be in accordance with table-4 of this specifications

3.2.2 Length and Width

Tolerances on the length and width shall be in accordance with the following table-1.

TABLE - 1

Tolerance on length				Tolerance on width			
Nominal length		Tolerance		Nominal width		Tolerance	
		Lower	Upper			Lower	Upper
m	m	mm	mm	m	m	mm	mm
-	< 4	-0	+20	≥ 0.6	< 2	-0	+20
≥ 4	< 6	-0	+30	≥ 2	< 3	-0	+25
≥ 6	< 8	-0	+40	≥ 3	< 4	-0	+30

3.2.3 Straightness

Permissible values of Camber

Width	Maximum Value of Camber for any 2000 mm Length
Greater than 50	10
Less than 250	5
From 250 to less than 500	4
From 500 and above	2

