

MASON INDUSTRIES, Inc. MERCER RUBBER Co.

350 Rabro Drive, Hauppauge, NY 11788 Mason-631/348-0282 • Info@Mason-Ind.com Mercer- 631/582-1524 • Info@Mercer-Rubber.com FAX 631/348-0279



JOB NAME	ECCDS
CUSTOMER	LUUPS
CUSTOMER P.O.	2" (50mm) Movem EXPANSION
MASON M	COMPENSATOR
DWG No.	COPPER SWEAT ENDS

TOR with

Rated

Pressure

(psi)(kg/cm²)

16

15

14

13

13

Ship

Wt.

(lbs)(kg)

2

4 2

6

7

11

25

235

230

220

207

195

185

175

14

14

14

14

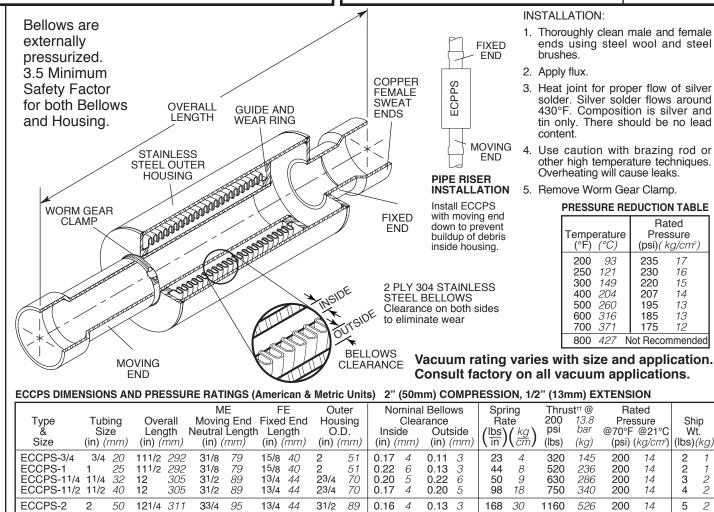
14

14

200

200

200



43/8 Female end fits over copper tubing, e.g. 11/2" (40mm) fits over 11/2" (40mm) tubing.

111

41/4 108

41/4 108 21/8 54 4

21/8

21/2 64 6

54

Lower Thrust Forces in proportion at lower pressures, i.e. 100 psi Force = 100/200 x published Thrust. Forces on Pipe Anchors must include Thrust Force and Spring Force. Spring Force is determined by multiplying the joint Spring Rate by its Thermal Movement. (in/mm)

5 5

0.22 6 7

0.28

0.30

8

195 35

316 57

350 63 1810

2440

3700

821

1107

1678

0.20

0.21

0.14

EC's installed in piping systems must be anchored on both sides of the joint. EC's installed in unanchored piping must have control rods.

41/4 108

When using ECCPS products in stainless steel water or steam systems, dielectric unions must be used on each end to prevent leakage from galvanic action.

102

GUIDE SPACING - Referencing Pipe Diameter "D"

65

80

100

131/4 337

131/4

141/2

337

368

ECCPS-21/2 21/2

3

FCCPS-3

ECCPS-4

Guides and Anchor for ECCPS located near Anchor Guides and Anchors for ECCPS located between Anchors 14D 4D* **ECCPS ECCPS** Downstream Guided at Anchored at Downstream Guided at Guided at Upstream Fixed Moving Movina Fixed Anchor Movina End Fixed Fnd Anchor both ends both ends Anchor End End End Fnd *Plus an additional 3" (76mm) for Sizes 3/4" to 21/2"

QTY	SIZE	TAG		QTY	SIZE		TAG
Certific	Certification Form S-543 11/2017 DWN CHKD			DA	TE	DWG No.	