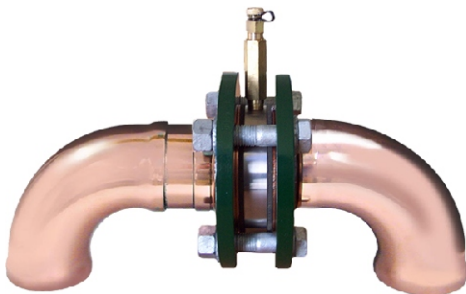


Copamate Flange System with male/female socket

Original concept - time proven quality

Copamate flange system is specifically designed to make the installation process user friendly



female socket

male spigot

male spigot - one less join on elbow & tee applications

Features and Benefits

- saves time
- hole alignment made easy
- less silver solder
- no flux required
- only requires a ring gasket
- bolt hole alignment made easy
- male spigot - one less join - for use in elbows and tees
- gasket & bolt sets available - for all flange types and sizes

product range

- flanges, slip on, blind and screwed - mild steel bronze and stainless, special
- gaskets, gasket & bolt sets, • test plugs • probes and extension pieces
- valve locking devices • name tags • orifice plates

Copamate Flange System Technical Information

Material

socket/spigot: copper to AS1566 AL C12200
flange & coating: zinc phosphate primer
fusion bonded polyester
ultra violet resistant
(sub-strate - mild steel)

Available Standards

- Australian - table C, D, E, F & H
- American - ANSI 150, 300 & 600
- British - DIN 6, 10, 16, 25 & 40
- all specials

Available Sizes

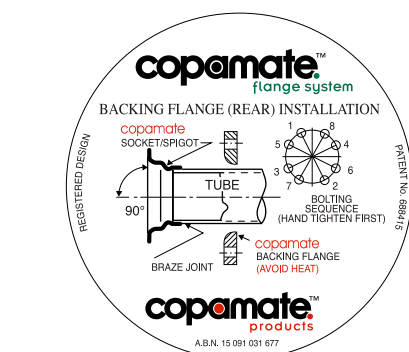
DN25 - DN250

* non - standard sizes can be manufactured

Dimensions and Technical Information

- Standards Australian Licence No. 1709 (DN25 - Dn200)
- other standards AS2129 & AS1566
- approvals to AS3688 & AGA 5720
- adequate clearance for intrusive valves
- flange insulated against electrolysis
- radius transition from flange to tube axis
- compact design for tight installation
- suitable for buried service
- precision engineered - uniform flange face
- colour coded for easy identification

Installation Instructions



Installation Instructions

*Instructions are noted on product box and backing flange

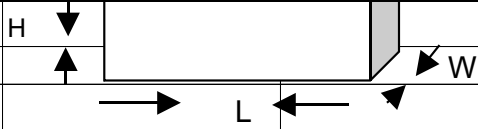
Electrolysis Prevention Facts

The Copamate Flange system has been designed to provide complete electrolysis insulation every time a flange is installed. In fact, the insulation system cannot be left out of the assembly.

Electrolysis insulation is a key design feature of the product. Each flange is coated, in a total envelope, with our unique coating system to ensure electrolysis is prevented. Our design ensures there is no contact between steel and copper including the bolts, eliminating the need for further insulation

Electrolysis prevention is achieved by the steel flange coating with a zinc phosphate primer followed by a fusion bonded polyester ultra violet resistant coating.

Copamate Flange System Volumetric Sheet

<u>Weights (kgs) - Size (cm) H x W x L</u>					
Table E					
<u>Size</u>	<u>Box size (cm)</u>	<u>Boxed (kg)</u>	<u>Carton Qty</u>	<u>Carton size (cm)</u>	<u>Carton (kg)</u>
40	16.2 x 17.2 x 3.4	1.00	10	18.0 x 18.0 x 37.0	13.60
50	16.2 x 17.2 x 3.4	1.44	10	18.0 x 18.0 x 37.0	14.40
65	17.9 x 18.6 x 3.7	1.61	10	19.5 x 19.5 x 39.0	18.90
80	21.0 x 19.9 x 4.2	2.27	10	22.0 x 21.5 x 45.5	22.70
100	22.9 x 23.6 x 4.5	3.08	8	24.5 x 24.5 x 37.0	24.64
125	28.0 x 27.0 x 5.6	4.14	6	29.0 x 29.0 x 34.5	24.84
150	29.9 x 30.2 x 6.3	5.63	4	30.5 x 31.0 x 27.0	22.52
200	35.0 x 35.6 x 6.5	8.00	2	37.0 x 37.0 x 14.0	16.00
250	41.3 x 41.5 x 6.7	15.00	1	N/A	15.00
300	41.3 x 46.4 x 6.9	18.00	1	N/A	18.00
BS 4504 PN 16					
<u>Size</u>	<u>Box size (cm)</u>	<u>Boxed (kg)</u>	<u>Carton Qty</u>	<u>Carton size (cm)</u>	<u>Carton (kg)</u>
40	16.2 x 17.2 x 3.4	1.50	4	18.0 x 18.0 x 14.0	6.10
50	16.2 x 17.2 x 3.4	2.90	4	18.0 x 18.0 x 14.0	11.60
65	19.9 x 20.5 x 3.7	3.48	4	21.0 x 21.0 x 15.0	14.10
80	20.8 x 21.2 x 4.1	3.85	4	22.0 x 22.0 x 19.0	17.00
100	23.6 x 24.5 x 4.8	5.00	4	25.0 x 25.0 x 25.0	20.00
125	28.0 x 27.0 x 5.6	6.20	6	29.0 x 29.0 x 34.5	33.10
150	29.9 x 30.2 x 6.3	8.41	4	30.5 x 31.0 x 27.0	33.90
200	35.0 x 35.6 x 6.5	9.25	2	48.0 x 49.0 x 6.5	18.70
250	41.3 x 41.5 x 6.7	18.00	1	N/A	18.00
300	41.3 x 46.4 x 6.9	26.00	1	N/A	26.00
ANSI 150					
<u>Size</u>	<u>Box size (cm)</u>	<u>Boxed (kg)</u>	<u>Carton Qty</u>	<u>Carton size (cm)</u>	<u>Carton (kg)</u>
40	16.2 x 17.2 x 3.4	1.50	4	19.0 x 18.0 x 14.0	6.10
50	16.2 x 17.2 x 3.4	2.40	4	19.0 x 18.0 x 14.0	9.60
65	19.0 x 19.8 x 3.9	3.70	4	21.0 x 21.0 x 15.0	15.00
80	20.8 x 21.2 x 4.1	4.43	4	22.0 x 22.0 x 19.0	17.00
100	23.6 x 24.5 x 4.8	5.40	4	25.0 x 25.0 x 25.0	21.60
125	28.0 x 27.0 x 5.6	6.20	6	29.0 x 29.0 x 34.5	38.40
150	29.9 x 30.2 x 6.3	7.80	4	30.5 x 31.0 x 27.0	31.40
200	35.0 x 35.6 x 6.5	12.00	2	48.0 x 49.0 x 6.5	24.50
250	41.3 x 41.5 x 6.7	18.00	1	N/A	18.00
300	41.3 x 46.4 x 6.9	26.00	1	N/A	26.00
TABLE C DN225C/200Cu (WATER AUTHORITY SLUICE VALVE CONNECTION)					
<u>Size</u>	<u>Box size (cm)</u>	<u>Boxed (kg)</u>			
225	41.5 x 6.7 x 41.3	10.40	1		