

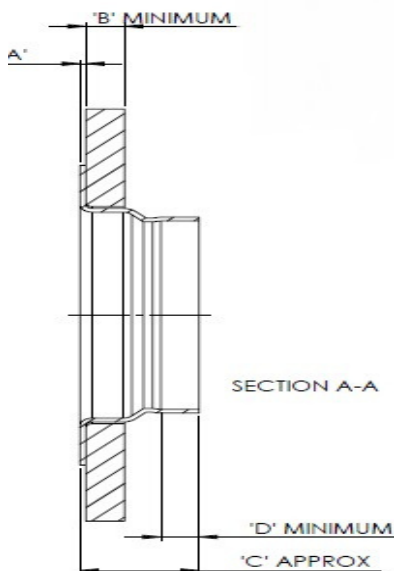
Copamate leads the industry in providing cost-effective and reliable pipeline solutions. With a strong dedication to precision and quality, we ensure that our pipeline products meet the highest industry standards. Our commitment to excellence is reflected in every step of our manufacturing process, delivering dependable solutions that withstand the rigors of the pipeline sector.



Pipeline Products.

Copamate Flange Adaptor.

SOCKET



A'		B'				C'	D'
SIZE		TABLE D	TABLE E	DIN 16	ANSI 150	APPROX	MINIMUM
20	1.6	10	10	16	11	23	7.5
25	1.6	10	10	16	14.5	23	7.5
32	2	10	10	18	16	23	7.5
40	2	12	12	18	17.5	26	7.5
50	2	12	12	20	19	28	7.5
65	2	12	12	20	22.5	30	7.5
80	2	12	12	20	24	36	11.1
100	2	12	13	22	24	39	11.1
125	2	14	14	22	24	43	11.1
150	2.5	14	17	24	25.5	46	14.2
200	2.5	14	19	26	28.5	51	14.2
250	3	16	22	29	30.5	57	18
300	3	19	25	32	32	60	18
350	4	22	29	35	35	60	20
400	4	22	32	38	37	60	20
450	5	25	35	42	40	60	20

*Copmate sockets designed and manufactured in accordance with AS3688.

COPPER TUBE - Safe working pressure and testing pressure up to 50c - AS1432 -1996

DN (mm)	Imperial (Inches)	Type A		Type B		Socket
		Psw	Pt	Psw	Pt	
6	1/8"	11990	17980	8710	13070	
8	1/4"	9320	13970	6820	10240	
10	3/8"	8670	13000	7630	11440	
15	1/2"	6330	9490	5590	8380	
20	3/4"	5860	8790	4110	6170	3500
25	1"	5840	7560	3680	5520	3500
32	1 1/4"	3980	5970	2920	4370	2750
40	1 1/2"	3290	4940	2420	3620	2300
50	2	2440	3670	1800	2700	1750
65	2 1/2	1940	2910	1430	2150	1600
80	3"	2020	3030	1610	2420	1600
100	4"	1500	2260	1200	1800	1600
125	5"	1200	1800	960	1440	1400
150	6"	1300	1950	1000	1500	1400
200	8"	910	1370	720	1090	1400
225	9"					1050
250	10"					1050
300	12					700
350						700
400						700
450						700

Steel Flange Standards.

Rating apply to temperature less than 232°

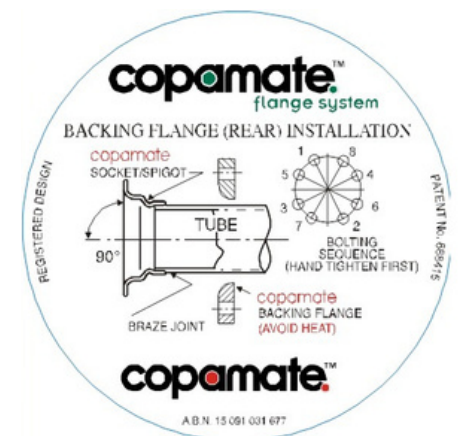
Standard and Std. No.		Class/Table	Copamate Colour	Temperature (°C)	Working Pressure	Hydrostatic Test Pressure
Australian	AS2129	Table C		-18 to 120	1200	1800
		Table D	Black	-50 to 232	700	1050
		Table E	Dark Blue		1400	2100
		Table F			2100	3150
		Table H	Claret		3500	5250
British	ISO 7005(DIN) BS4504	DIN6		Up to 150	600	900
		DIN10			1000	1500
		DIN16	Light Blue		1600	2400
		DIN25			2500	3750
		DIN40			4000	6000
American	ANSI B16.5	125/150	Grey	-20 to 100	2000	3000
		250/300			5150	7725
		600			10300	15450
Japanese/JIS		10		Up to 120	700	1050

Electrolysis Protection

Electrolysis occurs over time when two dissimilar metals are in contact. Our product has a superior coating system designed for electrolysis protection. No gasket is required between the mild steel flange and copper socket. Our product has greater longevity and time proven quality with inbuilt UV resistance keeping the product like new.

Installation Instructions

- Unpack with care
- Avoid impact & direct flame to backing flange.
- Avoid stress – cut tube, away from brazed joint before brazing – rear of backing flange away from socket.
- Braze using normal brazing practices – ensure socket is square.
- Allow socket to cool before sliding flange up to it.
- Insert gasket – if required.
- Hand tighten bolts using normal bolting practice to tighten backing flange.
- If coating is damaged repair with Alkyd Enamel.



Bespoke Engineering Solutions.