

Library Details: PE 80 & PE100 Piping Library

Quadro Job No: 1-QD-270709

Date: 27 July 2009

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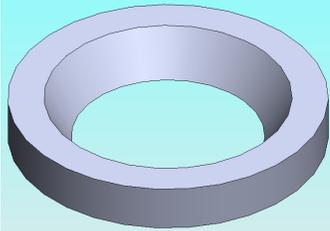
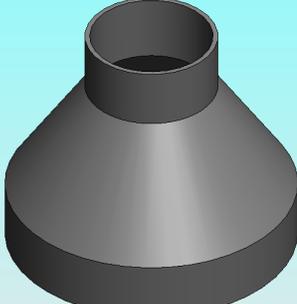
## PE 80 & PE 100 Piping Library

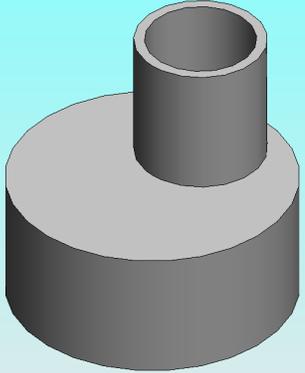
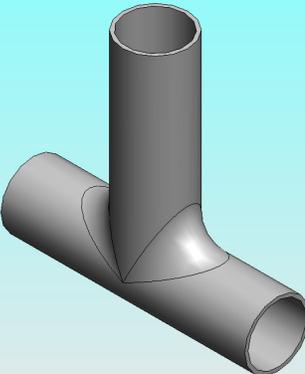
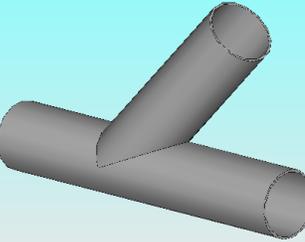
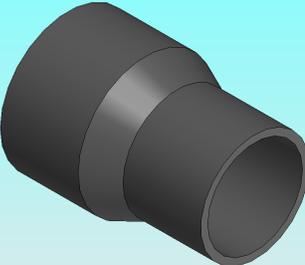
All of the items in this library have intelligent custom properties built into their design tables (making extensive use of the 'concatenate function') to populate your Bills of Materials (example below).

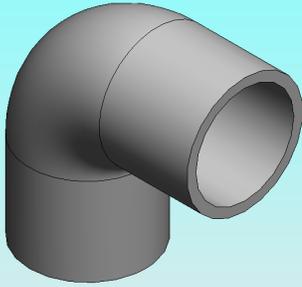
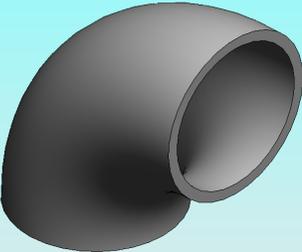
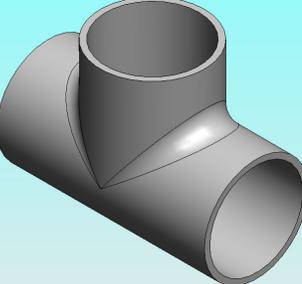
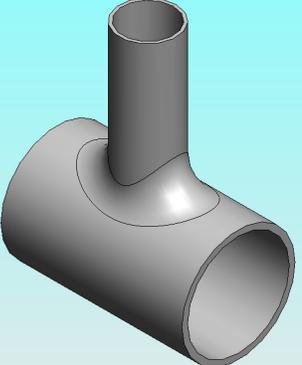
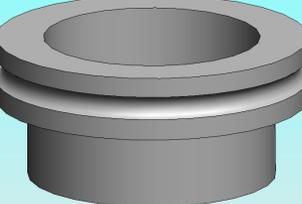
ITEM NO.	QTY.	DESCRIPTION	MATERIAL	CUT LENGTH	kg/ea
1	1	AUS/NZ STUB FLANGE - 250 OD PN6.3	PE 80B		2.2
2	1	BACKING RING - 250 OD - TABLE E	GALVANISED STEEL		10.1
3	1	PE REDUCING TEE - 250 x 160 OD PN6.3	PE 80B		7.7
4	1	PE EXTENDED LEG TEE - 160 OD PN6.3	PE 80B		4
5	1	PE MOULDED LONG SPIGOT - 90 ELBOW - 160 OD PN6.3	PE 80B		1.3
6	1	PE MOULDED SHORT RADIUS ELBOW - 160 OD PN6.3	PE 80B		1
7	1	PE PIPE - 250 OD PN6.3	PE 80B	1200mm	10.7
8	1	PE PIPE - 250 OD PN6.3	PE 80B	977mm	8.7

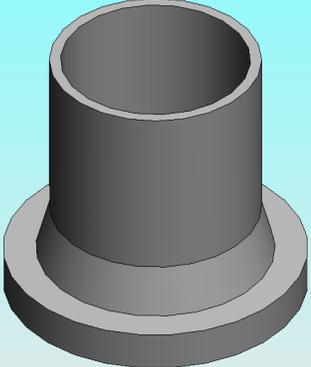
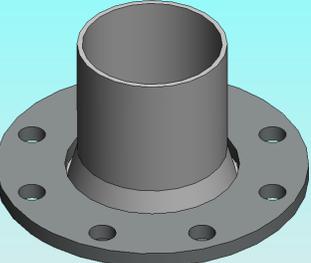
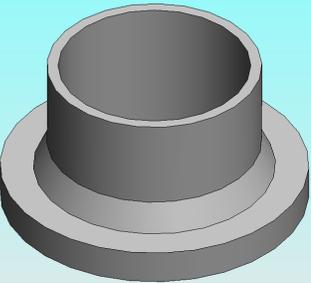
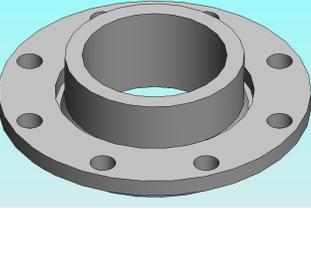
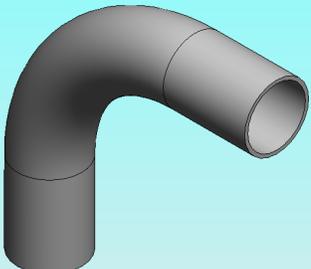
This intelligent design table approach allows them to be quickly modified to suit your company's requirements or easily copied to create a flange with different material properties, etc.

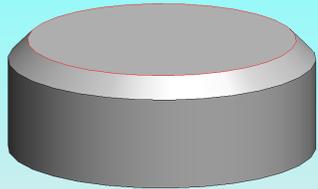
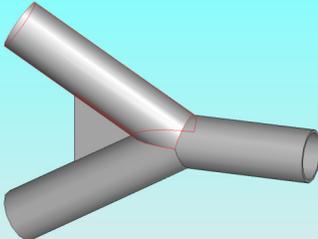
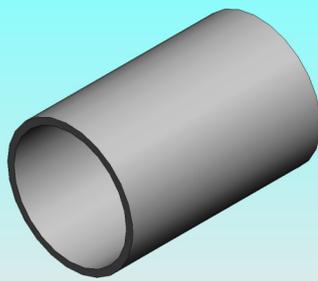
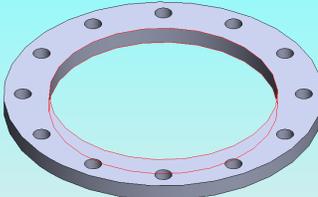
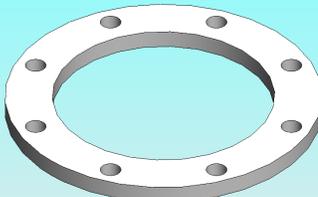
All of the items listed below are included in both the PE 80 & PE 100 libraries, with PE 80 available in PN4 (SDR 33), PN6.3 (SDR 21), PN8 (SDR 17), PN10 (SDR 13.6), PN12.5 (SDR 11) & PN16 (SDR 9); whilst PE 100 available in PN6.3 (SDR 26), PN8 (SDR 21), PN10 (SDR 17), PN12.5 (SDR 13.6), PN16 (SDR 11) & PN20 (SDR 9).

	<p><b><u>BUTTERFLY VALVE SPACER</u></b></p> <p>Contains over 70 configurations with sizes ranging from 110 OD (butterfly valve DN100) to 1000 OD – varying for pressure rating &amp; all ratings from SDR 33 to SDR 9 (PN4 to 20).</p>
	<p><b><u>CONCENTRIC REDUCER</u></b></p> <p>Contains about 950 configurations with sizes ranging from 32x20 to 1200x1000 (depending on pipe rating) &amp; all ratings from SDR 33 to SDR 9 (PN4 to 20).</p>

	<p><b><u>ECCENTRIC REDUCER</u></b></p> <p>Contains about 900 configurations with sizes ranging from 50x25 to 1200x1000 (depending on pipe rating) &amp; all ratings from SDR 33 to SDR 9 (PN4 to 20).</p>
	<p><b><u>EXTENDED LEG TEE</u></b></p> <p>Contains over 100 configurations with sizes ranging from 90 OD to 1000 OD (depending on pipe rating) &amp; all ratings from SDR 33 to SDR 9 (PN4 to 20).</p>
	<p><b><u>CNC BUTT WELDED JUNCTIONS – 45° &amp; 60°</u></b></p> <p>Contains over 220 configurations with sizes ranging from 90 OD to 1000 OD (depending on pipe rating) &amp; all ratings from SDR 33 to SDR 9 (PN4 to 20).</p>
	<p><b><u>LONG SPIGOT REDUCER</u></b></p> <p>Contains over 260 configurations with sizes ranging from 25x20 to 315x280 &amp; all ratings from SDR 33 to SDR 9 (PN4 to 20).</p>

	<p><b><u>MOULDED LONG SPIGOT ELBOW - 90° &amp; 45°</u></b></p> <p>Contains about 180 configurations with sizes ranging from 25 OD to 315 OD for 90° &amp; 45° &amp; all ratings from SDR 33 to SDR 9 (PN4 to 20).</p>
	<p><b><u>MOULDED SHORT RADIUS ELBOW - 90°</u></b></p> <p>Contains over 125 configurations with sizes ranging from 20 OD to 500 OD for 90° &amp; all ratings from SDR 33 to SDR 9 (PN4 to 20).</p>
	<p><b><u>MOULDED TEE (LONG &amp; SHORT SPIGOT)</u></b></p> <p>Contains nearly 250 configurations with sizes ranging from 25 OD to 500 OD for short spigot &amp; 25 OD to 400 OD for long spigot, with ratings from SDR 33 to SDR 9 (PN4 to 20).</p>
	<p><b><u>REDUCING TEE</u></b></p> <p>Contains about 460 configurations with sizes ranging from 200x90 to 1200x630 (depending on pipe rating) &amp; all ratings from SDR 33 to SDR 9 (PN4 to 20).</p>
	<p><b><u>SHOULDERED END (for use with Victaulic Couplings) - can be used to start a route</u></b></p> <p>Contains nearly 100 configurations with sizes ranging from 63 OD to 500 OD &amp; all ratings from SDR 33 to SDR 9 (PN4 to 20).</p>

	<p><b><u>STUB END – EXTENDED LEG (for use with backing ring to form flange set shown next) - can be used to start a route</u></b></p> <p>Contains over 100 configurations with sizes ranging from 25 OD to 400 OD &amp; all ratings from SDR 33 to SDR 9 (PN4 to 20).</p>
	<p><b><u>STUB FLANGE SET – EXTENDED LEG (can be used to start a route)</u></b></p> <p>Contains over 320 configurations with sizes ranging from 25 OD to 400 OD, Table D, Table E &amp; ANSI 150# &amp; all pipe ratings from SDR 33 to SDR 9 (PN4 to 20).</p>
	<p><b><u>STUB END AUS/NZ (for use with backing ring to form flange set shown next) - can be used to start a route</u></b></p> <p>Contains about 120 configurations with sizes ranging from 63 OD to 1200 OD (depending on pipe rating) &amp; all ratings from SDR 33 to SDR 9 (PN4 to 20).</p>
	<p><b><u>STUB FLANGE SET – AUS/NZ (can be used to start a route)</u></b></p> <p>Contains over 330 configurations with sizes ranging from 63 OD to 1000 OD for table D &amp; Table E (depending on pipe rating) &amp; up to 630 OD for ANSI 150# &amp; all pipe ratings from SDR 33 to SDR 9 (PN4 to 20).</p>
	<p><b><u>SWEEP BEND - 90°, 60°, 45° &amp; 30°</u></b></p> <p>Contains over 580 configurations with sizes ranging from 20 OD to 1000 OD (depending on pipe rating) for 90°, 60°, 45° &amp; 30°, plus all ratings from SDR 33 to SDR 9 (PN4 to 20).</p>

	<p><b><u>WELD ON END CAP (can be used to start a route)</u></b></p> <p>Contains nearly 150 configurations with sizes ranging from 20 OD to 1200 OD (depending on pipe rating) &amp; all ratings from SDR 33 to SDR 9 (PN4 to 20).</p>
	<p><b><u>Y JUNCTION - 90°, 60° &amp; 45°</u></b></p> <p>Contains over 330 configurations with sizes ranging from 90 OD to 1000 OD (depending on pipe rating) &amp; all ratings from SDR 33 to SDR 9 (PN4 to 20).</p>
	<p><b><u>PIPE - PE 80B</u></b></p> <p>Contains about 150 configurations with sizes ranging from 20 OD to 1200 OD (depending on pipe rating) &amp; all ratings from SDR 33 to SDR 9 (PN4 to 20).</p>
	<p><b><u>BACKING RING - GALVANISED</u></b></p> <p>Contains over 75 configurations with sizes ranging from 20 OD to 1000 OD for table D &amp; Table E &amp; up to 630 OD for ANSI 150.</p>
	<p><b><u>BACKING RING - STAINLESS</u></b></p> <p>Contains over 75 configurations with sizes ranging from 20 OD to 1000 OD for table D &amp; Table E &amp; up to 630 OD for ANSI 150.</p>

**Kingston Bridge Engineering Pty Ltd**

All items in this library have been modeled per the details provided in the Kingston Bridge product catalogue (available from <http://www.kingstonbridge.com.au> )

Kingston Bridge Engineering Pty Ltd is a Western Australian manufacturer of PE piping products to AS/NZS 4130, up to 1200 OD.