

# Weight and Packaging

## CARTONS:

P = Plastic Bag      EX = Export Carton      2590 = 2.5" Carton      3090 = 3" Carton      4090 = 4" Carton      6090 = 6" Carton

*Allow 1 kg for each carton and 15 kg for each pallet.*

*All Australian warehouse orders and polished goods are shrink-wrapped.*

*All weight measurements are in kilograms.*

## 45 DEGREE BENDS – UNI

<b>Diameter (mm)</b>	<b>19.1</b>	<b>25.4</b>	<b>31.8</b>	<b>38.1</b>	<b>50.8</b>	<b>63.5</b>	<b>76.2</b>	<b>88.9</b>	<b>101.6</b>	<b>127.0</b>	<b>152.4</b>
<b>Diameter (inches)</b>	<b>¾</b>	<b>1</b>	<b>1 ¼</b>	<b>1 ½</b>	<b>2</b>	<b>2 ½</b>	<b>3</b>	<b>3.5</b>	<b>4</b>	<b>5</b>	<b>6</b>
<b>WEIGHT</b>	0.06	0.08	0.12	0.12	0.23	0.32	0.43	0.52	0.66	1.12	2.00
<b>PACK SIZE</b>	20/200	20/200	10/100	10/100	60	32	20	20	18	4	3
<b>PACK TYPE</b>	P/EX	P/EX	P/EX	P/EX	EX	EX	EX	EX	4090	EX	3090
<b>SHRINK WRAP</b>	N	N	N	N	Y	Y	Y	Y	Y	Y	N

# Weight and Packaging

## 45 DEGREE BENDS – 2KS

Diameter (mm) >>	25.4	38.1	50.8	63.5	76.2	101.6
Diameter (inches) >>	1	1 ½	2	2 ½	3	4
WEIGHT	0.05	0.11	0.24	0.38	0.54	1.12
PACK SIZE	10 (bag)	10 (bag)	60	25	18	10
PACK TYPE	EX	EX	EX	EX	EX	4090
SHRINK WRAP	-	-	-	-	-	-

## 45 DEGREE BENDS – ZETAN/2WK

Diameter (mm) >>	25.4	38.1	50.8	63.5	76.2	101.6
Diameter (inches) >>	1	1 ½	2	2 ½	3	4
WEIGHT	0.04	0.08	0.13	0.18	0.25	0.57
PACK SIZE	10 (bag)	10 (bag)	120	50	35	30
PACK TYPE	EX	EX	EX	EX	EX	4090
SHRINK WRAP	-	-	-	-	-	-

# Weight and Packaging

## 90 DEGREE BENDS – UNI

Diameter (mm) >>		12.7	15.8	19.1	25.4	31.8	38.1	50.8	63.5	76.2	88.9	101.6	127.0	152.4
Diameter (inches) >>		½	⅝	¾	1	1 ¼	1 ½	2	2 ½	3	3.5	4	5	6
W E I G H T	WT 2.0mm											1.41	2.30	3.20
	WT 1.6mm	0.04	0.05	0.07	0.11	0.15	0.21	0.34	0.48	0.66	0.88	1.12	1.85	
PACK SIZE		10	10	20/200	20/200	10/100	80	35	16	10	10	10	2	2
PACK TYPE		P/EX	P/EX	P/EX	P/EX	P/EX	EX	EX	EX	EX	EX	4090	EX	6090
SHRINK WRAP		N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	N

## 90 DEGREE BENDS – NZ

Diameter (mm) >>		31.8	38.1	44.5	50.8	63.5	76.2
Diameter (inches) >>		1 ¼	1 ½	1 ¾	2	2 ½	3
W E I G H T	WT 1.6mm	0.18	0.27	0.32	0.43	0.60	0.84
	WT 1.2mm	0.13	0.21		0.32		
PACK SIZE		100	60	36	25	20	10
PACK TYPE		EX	3090	EX	3090	2590	3090
SHRINK WRAP		N	Y	Y	Y	Y	Y

# Weight and Packaging

## 90 DEGREE BENDS – ZETAN

Diameter (mm) >>		25.4	31.8	38.1	50.8	63.5	76.2	101.6
Diameter (inches) >>		1	1 ¼	1 ½	2	2 ½	3	4
W E I G H T	WT 2.0mm					0.44	0.61	1.0
	WT 1.6mm	0.05	0.12	0.13	0.23	0.36	0.55	0.89
PACK SIZE		20/200	10/100	10/100	50	20	15	10
PACK TYPE		P/EX	P/EX	P/EX	EX	EX	EX	4090
SHRINK WRAP		N	N	N	Y	Y	Y	Y

## 90 DEGREE BENDS – LONG LEG

Diameter (mm) >>		25.4	31.8	38.1	50.8	63.5	76.2	101.6
Diameter (inches) >>		1	1 ¼	1 ½	2	2 ½	3	4
W E I G H T	WT 1.6mm						1.24	1.81
	WT 1.2mm	0.10	0.16	0.24	0.41	0.63		
PACK SIZE		10	90	40	20	12	5	5
PACK TYPE		P	3090	3090	3090	2590	EX	4090
SHRINK WRAP		N	Y	Y	Y	Y	Y	Y

# Weight and Packaging

## 90 DEGREE BENDS – 2S

Diameter (mm) >>	25.4	38.1	50.8	63.5	76.2	101.6
Diameter (inches) >>	1	1 ½	2	2 ½	3	4
WEIGHT	0.09	0.17	0.34	0.53	0.76	1.67
PACK SIZE	10 (bag)	100	35	15	10	8
PACK TYPE	EX	EX	EX	EX	EX	4090
SHRINK WRAP	-	-	-	-	-	-

## 90 DEGREE BENDS – 2CMP/CLAMP END

Diameter (mm) >>	25.4	38.1	50.8	63.5	76.2	101.6
Diameter (inches) >>	1	1 ½	2	2 ½	3	4
WEIGHT	0.17	0.21	0.35	0.55	0.74	1.51
PACK SIZE	5 (bag)	80	25	18	10	10
PACK TYPE	EX	EX	EX	EX	EX	4090
SHRINK WRAP	-	-	-	-	-	-

# Weight and Packaging

## 180 DEGREE BENDS – UNI

<b>Diameter (mm) &gt;&gt;</b>	<b>25.4</b>	<b>31.8</b>	<b>38.1</b>	<b>50.8</b>	<b>63.5</b>	<b>76.2</b>	<b>101.6</b>
<b>Diameter (inches) &gt;&gt;</b>	<b>1</b>	<b>1 ¼</b>	<b>1 ½</b>	<b>2</b>	<b>2 ½</b>	<b>3</b>	<b>4</b>
<b>WEIGHT</b>	0.16	1.23	0.32	0.55	0.81	1.14	2.00
<b>PACK SIZE</b>	10	10	40	18	8	8	4
<b>PACK TYPE</b>	P/EX	P/EX	EX	EX	EX	4090	4090
<b>SHRINK WRAP</b>	N	N	Y	Y	Y	Y	N

## 180 DEGREE BENDS – NZ

<b>Diameter (mm) &gt;&gt;</b>	<b>25.4</b>	<b>31.8</b>	<b>38.1</b>	<b>50.8</b>	<b>63.5</b>	<b>76.2</b>
<b>Diameter (inches) &gt;&gt;</b>	<b>1</b>	<b>1 ¼</b>	<b>1 ½</b>	<b>2</b>	<b>2 ½</b>	<b>3</b>
<b>WEIGHT</b>	0.16	0.28	0.43	0.70	1.02	1.46
<b>PACK SIZE</b>	10/100	50	30	12	6	4
<b>PACK TYPE</b>	P/EX	EX	EX	EX	EX	EX
<b>SHRINK WRAP</b>	N	N	Y	Y	Y	Y

# Weight and Packaging

## TEES – EQUAL

<b>Diameter (mm) &gt;&gt;</b>	<b>12.7</b>	<b>19.1</b>	<b>25.4</b>	<b>31.8</b>	<b>38.1</b>	<b>50.8</b>	<b>63.5</b>	<b>76.2</b>	<b>101.6</b>
<b>Diameter (inches) &gt;&gt;</b>	<b>½</b>	<b>¾</b>	<b>1</b>	<b>1 ¼</b>	<b>1 ½</b>	<b>2</b>	<b>2 ½</b>	<b>3</b>	<b>4</b>
<b>WEIGHT</b>	0.025		0.09	0.15	0.21	0.38	0.69	0.89	1.63
<b>PACK SIZE</b>	10 (Bag)	10 (Bag)	10 (Bag)	10 (Bag)	80	32	12	8	6
<b>PACK TYPE</b>	EX	EX	EX	EX	EX	EX	EX	EX	4090
<b>SHRINK WRAP</b>	N	N	N	N	Y	Y	Y	Y	Y

## TEES – PULLED

<b>Diameter (mm) &gt;&gt;</b>	<b>12.7</b>	<b>19.1</b>	<b>25.4</b>	<b>31.8</b>	<b>38.1</b>	<b>50.8</b>	<b>63.5</b>	<b>76.2</b>	<b>101.6</b>
<b>Diameter (inches) &gt;&gt;</b>	<b>½</b>	<b>¾</b>	<b>1</b>	<b>1 ¼</b>	<b>1 ½</b>	<b>2</b>	<b>2 ½</b>	<b>3</b>	<b>4</b>
<b>WEIGHT</b>	0.02	0.04	0.08	0.11	0.17	0.29	0.52	0.68	1.19
<b>PACK SIZE</b>	10 (Bag)	10 (Bag)	10 (Bag)	10 (Bag)	120	50	20	14	12
<b>PACK TYPE</b>	EX	EX	EX	EX	EX	EX	EX	EX	4090
<b>SHRINK WRAP</b>	N	N	N	N	Y	Y	Y	Y	Y

# Weight and Packaging

## TEES – SHORT

<b>Diameter (mm) &gt;&gt;</b>	<b>25.4</b>	<b>38.1</b>	<b>50.8</b>	<b>63.5</b>	<b>76.2</b>	<b>101.6</b>
<b>Diameter (inches) &gt;&gt;</b>	<b>1</b>	<b>1 ½</b>	<b>2</b>	<b>2 ½</b>	<b>3</b>	<b>4</b>
<b>WEIGHT</b>	0.06	0.14	0.24	0.33	0.45	0.97
<b>PACK SIZE</b>	10 (bag)	5 (bag)	50	40	20	15
<b>PACK TYPE</b>	EX	EX	EX	EX	EX	4090
<b>SHRINK WRAP</b>	-	-	-	-	-	-

## TEES – LONG

<b>Diameter (mm) &gt;&gt;</b>	<b>25.4</b>	<b>38.1</b>	<b>50.8</b>	<b>63.5</b>	<b>76.2</b>	<b>101.6</b>
<b>Diameter (inches) &gt;&gt;</b>	<b>1</b>	<b>1 ½</b>	<b>2</b>	<b>2 ½</b>	<b>3</b>	<b>4</b>
<b>WEIGHT</b>	0.13	0.22	0.39	0.49	0.59	1.17
<b>PACK SIZE</b>	10 (Bag)	80	32	20	15	12
<b>PACK TYPE</b>	EX	EX	EX	EX	EX	4090
<b>SHRINK WRAP</b>	-	-	-	-	-	-



# Weight and Packaging

## REDUCERS – CONCENTRIC SHORT (AS:1528.3)

<b>Diameter (mm) &gt;&gt;</b>	31.8 – 25.4	38.1 – 25.4	38.1 – 31.8	50.8 – 25.4	50.8 – 38.1	63.5 – 38.1	63.5 – 50.8	76.2 – 38.1	76.2 – 50.8	76.2 – 63.5	101.6 – 38.1	101.6 – 50.8	101.6 – 63.5	101.6 – 76.2	127.0 – 101.6	152.5 – 76.2	152.4 – 101.6
<b>Diameter (inch) &gt;&gt;</b>	1 ¼ – 1	1 ½ – 1	1 ½ – 1 ¼	2 – 1	2 – 1 ½	2 ½ – 1 ½	2 ½ – 2	3 – 1 ½	3 – 2	3 – 2 ½	4 – 1 ½	4 – 2	4 – 2 ½	4 – 3	5 – 4	6 – 3	6 – 4
<b>WEIGHT</b>	0.035	0.045	0.055	0.085	0.080	0.130	0.130	0.190	0.180	0.190	0.300	0.325	0.320	0.325	0.585	0.785	0.980
<b>PACK SIZE</b>	5	5	5	5	5	5	5	5	5	5	5	5	5	5	2	2	2
<b>PACK TYPE</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>SHRINK WRAP</b>	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

## REDUCERS – ECCENTRIC SHORT (AS:1528.3)

<b>Diameter (mm) &gt;&gt;</b>	38.1 – 25.4	50.8 – 25.4	50.8 – 38.1	63.5 – 38.1	63.5 – 50.8	76.2 – 38.1	76.2 – 50.8	76.2 – 63.5	101.6 – 38.1	101.6 – 50.8	101.6 – 63.5	101.6 – 76.2	127.0 – 101.6	152.5 – 76.2	152.4 – 101.6
<b>Diameter (inch) &gt;&gt;</b>	1 ½ – 1	2 – 1	2 – 1 ½	2 ½ – 1 ½	2 ½ – 2	3 – 1 ½	3 – 2	3 – 2 ½	4 – 1 ½	4 – 2	4 – 2 ½	4 – 3	5 – 4	6 – 3	6 – 4
<b>WEIGHT</b>	0.045	0.085	0.080	0.130	0.130	0.190	0.180	0.190	0.300	0.325	0.320	0.325	0.585	0.785	0.980
<b>PACK SIZE</b>	5	5	5	5	5	5	5	5	5	5	5	5	2	2	2
<b>PACK TYPE</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>SHRINK WRAP</b>	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

# Weight and Packaging

## REDUCERS – CONCENTRIC (US)

<b>Diameter (mm) &gt;&gt;</b>	<b>38.1 – 25.4</b>	<b>50.8 – 25.4</b>	<b>50.8 – 38.1</b>	<b>63.5 – 25.4</b>	<b>63.5 – 38.1</b>	<b>63.5 – 50.8</b>	<b>76.2 – 38.1</b>	<b>76.2 – 50.8</b>	<b>76.2 – 63.5</b>	<b>101.6 – 50.8</b>	<b>101.6 – 63.5</b>	<b>101.6 – 76.2</b>
<b>Diameter (inch) &gt;&gt;</b>	<b>1 ½ – 1</b>	<b>2 – 1</b>	<b>2 – 1 ½</b>	<b>2 ½ - 1</b>	<b>2 ½ - 1 ½</b>	<b>2 ½ - 2</b>	<b>3 – 1 ½</b>	<b>3 – 2</b>	<b>3 – 2 ½</b>	<b>4 – 2</b>	<b>4 – 2 ½</b>	<b>4 – 3</b>
<b>WEIGHT</b>	0.060	0.120	0.090	0.210	0.210	0.120	0.350	0.260	0.150	0.670	0.550	0.410
<b>PACK SIZE</b>	5	5	5	5	5	5	5	5	5	5	5	5
<b>PACK TYPE</b>	-	-	-	-	-	-	-	-	-	-	-	-
<b>SHRINK WRAP</b>	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

## CLAMP – HEAVY DUTY SINGLE PIN

<b>Diameter (mm) &gt;&gt;</b>	<b>38.1</b>	<b>50.8</b>	<b>63.5</b>	<b>76.2</b>	<b>101.6</b>
<b>Diameter (inches) &gt;&gt;</b>	<b>1 ½</b>	<b>2</b>	<b>2 ½</b>	<b>3</b>	<b>4</b>
<b>WEIGHT</b>	0.21	0.26	0.29	0.33	0.43
<b>PACK SIZE</b>	50	50	50	50	25
<b>PACK TYPE</b>					
<b>SHRINK WRAP</b>					

# Weight and Packaging

## FERRULES – SHORT (14WMP)

<b>Diameter (mm) &gt;&gt;</b>	<b>25.4</b>	<b>38.1</b>	<b>50.8</b>	<b>63.5</b>	<b>76.2</b>	<b>101.6</b>
<b>Diameter (inches) &gt;&gt;</b>	<b>1</b>	<b>1 ½</b>	<b>2</b>	<b>2 ½</b>	<b>3</b>	<b>4</b>
<b>WEIGHT</b>	0.06	0.04	0.06	0.08	0.10	0.18
<b>PACK SIZE</b>	5	5	5	5	5	5
<b>PACK TYPE</b>						
<b>SHRINK WRAP</b>						

## FERRULES – LONG (14AMP)

<b>Diameter (mm) &gt;&gt;</b>	<b>25.4</b>	<b>38.1</b>	<b>50.8</b>	<b>63.5</b>	<b>76.2</b>	<b>101.6</b>
<b>Diameter (inches) &gt;&gt;</b>	<b>1</b>	<b>1 ½</b>	<b>2</b>	<b>2 ½</b>	<b>3</b>	<b>4</b>
<b>WEIGHT</b>	0.07	0.07	0.09	0.12	0.15	0.25
<b>PACK SIZE</b>	5	5	5	5	5	5
<b>PACK TYPE</b>						
<b>SHRINK WRAP</b>						