

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

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

| | | | | | | | |
|-----------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| 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 |
| WEIGHT | 0.16 | 1.23 | 0.32 | 0.55 | 0.81 | 1.14 | 2.00 |
| PACK SIZE | 10 | 10 | 40 | 18 | 8 | 8 | 4 |
| PACK TYPE | P/EX | P/EX | EX | EX | EX | 4090 | 4090 |
| SHRINK WRAP | N | N | Y | Y | Y | Y | N |

180 DEGREE BENDS – NZ

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

Weight and Packaging

TEES – EQUAL

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

TEES – PULLED

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

Weight and Packaging

TEES – SHORT

| | | | | | | |
|-----------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| 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 | 0.06 | 0.14 | 0.24 | 0.33 | 0.45 | 0.97 |
| PACK SIZE | 10 (bag) | 5 (bag) | 50 | 40 | 20 | 15 |
| PACK TYPE | EX | EX | EX | EX | EX | 4090 |
| SHRINK WRAP | - | - | - | - | - | - |

TEES – LONG

| | | | | | | |
|-----------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| 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 | 0.13 | 0.22 | 0.39 | 0.49 | 0.59 | 1.17 |
| PACK SIZE | 10 (Bag) | 80 | 32 | 20 | 15 | 12 |
| PACK TYPE | EX | EX | EX | EX | EX | 4090 |
| SHRINK WRAP | - | - | - | - | - | - |

Weight and Packaging

REDUCERS – CONCENTRIC SHORT (AS:1528.3)

| | | | | | | | | | | | | | | | | | |
|---------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|--------------------|--------------------|---------------------|--------------------|---------------------|
| Diameter (mm) >> | 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 |
| Diameter (inch) >> | 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 |
| WEIGHT | 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 |
| PACK SIZE | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 2 | 2 | 2 |
| PACK TYPE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SHRINK WRAP | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |

REDUCERS – ECCENTRIC SHORT (AS:1528.3)

| | | | | | | | | | | | | | | | |
|---------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|-----------------|-----------------|---------------------|--------------------|---------------------|
| Diameter (mm) >> | 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 |
| Diameter (inch) >> | 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 |
| WEIGHT | 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 |
| PACK SIZE | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 2 | 2 | 2 |
| PACK TYPE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SHRINK WRAP | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |

Weight and Packaging

REDUCERS – CONCENTRIC (US)

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

CLAMP – HEAVY DUTY SINGLE PIN

| | | | | | |
|-----------------------------------|-------------|-------------|-------------|-------------|--------------|
| Diameter (mm) >> | 38.1 | 50.8 | 63.5 | 76.2 | 101.6 |
| Diameter (inches) >> | 1 ½ | 2 | 2 ½ | 3 | 4 |
| WEIGHT | 0.21 | 0.26 | 0.29 | 0.33 | 0.43 |
| PACK SIZE | 50 | 50 | 50 | 50 | 25 |
| PACK TYPE | | | | | |
| SHRINK WRAP | | | | | |

Weight and Packaging

FERRULES – SHORT (14WMP)

| | | | | | | |
|-----------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| 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 | 0.06 | 0.04 | 0.06 | 0.08 | 0.10 | 0.18 |
| PACK SIZE | 5 | 5 | 5 | 5 | 5 | 5 |
| PACK TYPE | | | | | | |
| SHRINK WRAP | | | | | | |

FERRULES – LONG (14AMP)

| | | | | | | |
|-----------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| 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 | 0.07 | 0.07 | 0.09 | 0.12 | 0.15 | 0.25 |
| PACK SIZE | 5 | 5 | 5 | 5 | 5 | 5 |
| PACK TYPE | | | | | | |
| SHRINK WRAP | | | | | | |