



UPVC & ABS Imperial Pipe System



Tech Sheet **10254** for UPVC Tech Sheet **10255** for ABS

Elbows & Bends

Recommended Working Temperature:
0°C to 60°C



Pressure Ratings for Fittings:
15 Bar (8" with reduced safety factor)



UPVC, Equal 90°

1050



EL53-12-UPVC	1/2"	2.30
EL53-34-UPVC	3/4"	2.75
EL53-1-UPVC	1"	3.90
EL53-114-UPVC	1.1/4"	6.80
EL53-112-UPVC	1.1/2"	8.65
EL53-2-UPVC	2"	12.95
EL53-212-UPVC	2.1/2"	23.85
EL53-3-UPVC	3"	36.80
EL53-4-UPVC	4"	55.25
EL53-5-UPVC	5"	111.80
EL53-6-UPVC	6"	217.10
EL53-8-UPVC	8"	535.90



UPVC, Equal 90° Bend Short Radius

1050



BE33-12-UPVC	1/2"	9.40
BE33-34-UPVC	3/4"	10.15
BE33-1-UPVC	1"	14.30
BE33-114-UPVC	1.1/4"	20.00
BE33-112-UPVC	1.1/2"	25.05
BE33-2-UPVC	2"	33.00
BE33-212-UPVC	2.1/2"	62.30
BE33-3-UPVC	3"	88.30
BE33-4-UPVC	4"	143.00



UPVC, Equal 45°

1050



EY53-12-UPVC	1/2"	4.35
EY53-34-UPVC	3/4"	4.60
EY53-1-UPVC	1"	5.75
EY53-114-UPVC	1.1/4"	8.20
EY53-112-UPVC	1.1/2"	10.20
EY53-2-UPVC	2"	14.30
EY53-212-UPVC	2.1/2"	22.15
EY53-3-UPVC	3"	33.65
EY53-4-UPVC	4"	68.25
EY53-5-UPVC	5"	103.10
EY53-6-UPVC	6"	125.85
EY53-8-UPVC	8"	441.70

ABS, Equal 90°

1050



EL53-12-ABS	1/2"	2.30
EL53-34-ABS	3/4"	2.85
EL53-1-ABS	1"	4.05
EL53-114-ABS	1.1/4"	6.50
EL53-112-ABS	1.1/2"	8.80
EL53-2-ABS	2"	13.25
EL53-212-ABS	2.1/2"	25.50
EL53-3-ABS	3"	38.40
EL53-4-ABS	4"	57.20
EL53-5-ABS	5"	117.80
EL53-6-ABS	6"	229.80

ABS, Equal 90° Bend, Short Radius

1050



BE33-12-ABS	1/2"	9.25
BE33-34-ABS	3/4"	11.00
BE33-1-ABS	1"	12.95
BE33-114-ABS	1.1/4"	18.60
BE33-112-ABS	1.1/2"	23.85
BE33-2-ABS	2"	35.20
BE33-212-ABS	2.1/2"	66.95
BE33-3-ABS	3"	96.10
BE33-4-ABS	4"	150.85

ABS, Equal 45°

1050



EY53-12-ABS	1/2"	4.15
EY53-34-ABS	3/4"	4.20
EY53-1-ABS	1"	5.75
EY53-114-ABS	1.1/4"	7.75
EY53-112-ABS	1.1/2"	10.60
EY53-2-ABS	2"	14.70
EY53-212-ABS	2.1/2"	23.10
EY53-3-ABS	3"	30.95
EY53-4-ABS	4"	71.70
EY53-6-ABS	6"	132.80

Tube O.D. – Size Conversion Table

Nominal Bore	Outside Diameter
3/8"	17.1mm
1/2"	21.3mm
3/4"	26.7mm
1"	33.4mm
1.1/4"	42.2mm
1.1/2"	48.3mm
2"	60.3mm
2.1/2"	75mm
3"	88.9mm
4"	114.3mm
5"	140mm
6"	168.3mm
8"	219.1mm



UPVC, Plain x Threaded 90° Elbow, BSPP

1050



PVEP12	1/2"	1/2"	4.35
PVEP34	3/4"	3/4"	4.95
PVEP1	1"	1"	6.15
PVEP114	1.1/4"	1.1/4"	12.80
PVEP112	1.1/2"	1.1/2"	14.10
PVEP2	2"	2"	20.00
PVEP212	2.1/2"	2.1/2"	36.40
PVEP3	3"	3"	45.20
PVEP4	4"	4"	66.80

For Air Ring Mains use ABS. UPVC is not suitable for use with compressed air.



UPVC, Plain x Threaded 45° Elbow, BSPP

1050



PVEP45-12	1/2"	1/2"	4.50
PVEP45-34	3/4"	3/4"	4.85
PVEP45-1	1"	1"	6.00
PVEP45-114	1.1/4"	1.1/4"	8.30
PVEP45-112	1.1/2"	1.1/2"	10.40
PVEP45-2	2"	2"	14.65
PVEP45-212	2.1/2"	2.1/2"	36.00
PVEP45-3	3"	3"	42.55
PVEP45-4	4"	4"	75.85

UPVC = Unplasticized Poly Vinyl Chloride
ABS = Acrylonitrile-Butadiene-Styrene Copolymers

Hydraulics

Hydraulic QRC

Pneumatic QRC

Ind. Air Prep, Monitor & Test

KELM™ Pneumatics

Pneumatic & Vacuum Equipment

Valves

Ring Main Systems

Adaptors & Fittings

Stainless Steel

Malleable Iron

Hose, Tubing & Couplings

Clamps & Clips

Sprays & Adhesives

Blow Guns & Vacuum

Wash Down & Fuelling

Air Tools

Tools, Hardware & PPE