



DAVID MOSS GROUP

COMMS PIPE SYSTEMS



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Using This Brochure

David Moss Group (David Moss) supply this brochure in the interest of better understanding the product ranges David Moss offer. Please contact our sales team if any items you require are not shown in the brochure.

MEASUREMENTS

All measurements in this brochure are in millimeters (mm) unless otherwise specified. All dimensions and measurements are intended as a guide only and may change without notice. Please contact our sales team if you need more information.

David Moss manufacture and supply a wide range of products in house, however can also source and supply associated products via our local and international supply chain partners.



Quality
ISO 9001
SAI GLOBAL



About David Moss

David Moss Group manufactures and supplies HDPE and PVC pipe and fittings. David Moss supplies into a variety of industry sectors, including but not limited to Mining, Industrial, Civil, Irrigation, Utilities, Government, Agricultural and Rural. Incorporated in 1960 in Perth, Western Australia, David Moss Group employs over 140 staff, across 2 manufacturing and fabrication facilities and 3 branch locations; operating via our Perth, Kalgoorlie, Brisbane and Sydney business units, the organisation offers an Australia wide footprint. The Perth, Kalgoorlie and Brisbane locations are pivotal in supporting the ever increasing demand for our products nationally and globally.

Incorporated in 1960 in Perth, Western Australia, David Moss Group employ over 140 staff.

OUR MISSION

Our mission is to deliver sustainable solutions that create and connect communities.

OUR VISION

At David Moss Group, we aspire to be industry leaders by innovating sustainable solutions that enrich the lives of our employees, their families, and our communities. We are dedicated to setting new standards in resource efficiency, waste minimisation, and recycling.

Our collaborative and efficient team exceeds expectations, helping our customers achieve their goals and drive success.

We envision a workplace where every employee thrives, grows, and finds fulfillment in contributing to our collective success.

OUR VALUES

SAFETY

We prioritise the health and well-being of our employees, customers and communities by maintaining a safe work environment and practices.

INNOVATION

We embrace creativity and forward thinking, continuously seeking and implementing innovative solutions to stay at the forefront of our industry.

COLLABORATION

We value teamwork and open communication, working together to achieve common goals and leverage diverse perspectives to drive success.

SUSTAINABILITY

By integrating sustainable practices into our business model, we aim to minimise our ecological footprint, support the well-being of our planet and ensure that our actions contribute positively to the future of our communities and generations to come.

INTEGRITY

We operate with honesty, transparency and ethical principles, ensuring that our actions reflect our commitment to doing what is right.

GROWTH

We are committed to ongoing personal and professional development, embracing challenges and opportunities that enable both individual and organisational advancement.

Dimensions

PIPE CAPACITY OF TRUCKS

COILS		STRAIGHT LENGTHS SDR17 - 20M			
SIZE	COILS PER TRUCK	SIZE	LENGTHS	SIZE	LENGTHS
50mm x 150m	56	110	483	400	38
63mm x 100m	42	125	380	450	30
75mm x 100m	36	140	304	500	24
90mm x 100m	30	160	230	560	19
110mm x 100m	20	180	175	630	15
125mm x 100m	12	225	114	710	11
140mm x 100m	12	250	94	800	9
160mm x 80m	12	280	76	900	6
		315	61	1000	5

Please Note: These are average quantities only. Some trucks may be able to carry more lengths, while some will carry less depending on bolster/gate height. Please also note: extendible trucks maybe subject to weight (21,500 kgs) rather the number of pipes.

PIPE COIL DIMENSIONS

PIPE DIAMETER	COIL			
	OUTSIDE DIAMETER	INSIDE DIAMETER	WIDTH	LENGTH (M)
20	1200	800	220	200
25	1400	800	220	200
32	1440	800	220	200 (up to 2000)
40	1520	800	220	150 (up to 1500)
50	1800	1000	250	150 (up to 1000)
63	1930	1300	300	100 (up to 750)
75	2100	1500	375	100 (up to 500)
90	2620	1900	360	100 (up to 300)
110	3000	2200	440	100 (up to 250)
125	3250	2570	500	60 (up to 100)
140	3400	2570	600	60 (up to 100)
160	3402	2570	640	100

Please Note: The following dimensions are based on volume and not weight. To be used as a guide only.

HDPE - POLYETHYLENE PIPE DIMENSIONS AS PER AS/NZS 4130

OD	SDR 41 / PN 4		SDR 33		SDR 26 / PN 6.3		SDR 21 / PN 8		SDR 17 / PN 10		SDR 13.6 / PN 12.5		SDR 11 / PN 16		SDR 9 / PN 20		SDR 7.4 / PN 25		OD	
	MEAN ID	MEAN WALL KG/M	MEAN ID	MEAN WALL KG/M	MEAN ID	MEAN WALL KG/M	MEAN ID	MEAN WALL KG/M	MEAN ID	MEAN WALL KG/M	MEAN ID	MEAN WALL KG/M	MEAN ID	MEAN WALL KG/M	MEAN ID	MEAN WALL KG/M	MEAN ID	MEAN WALL KG/M		
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	
20	-	-	-	-	-	-	-	-	-	-	16.7	1.6	16.7	1.6	16.1	1.9	16.1	1.9	20	
25	-	-	-	-	-	-	-	-	21.7	1.6	1.9	0.12	1.9	20.2	2.3	19.2	2.8	20.2	2.3	25
32	-	-	-	-	-	-	-	-	28.1	1.9	0.19	2.4	2.4	26.0	2.9	19.2	3.5	26.0	2.9	32
40	-	-	-	-	-	-	-	-	35.0	2.4	0.29	3.0	3.0	32.3	3.7	24.5	4.4	32.3	3.7	40
50	-	-	-	-	-	-	-	-	43.9	3.0	0.45	3.7	3.7	40.4	4.6	30.6	5.5	40.4	4.6	50
63	-	-	-	-	-	-	-	-	55.2	3.8	0.72	4.7	4.7	51.0	5.8	38.4	6.9	51.0	5.8	63
75	-	-	-	-	-	-	-	-	65.8	4.5	1.02	5.5	5.5	61.0	6.8	48.2	8.6	61.0	6.8	75
90	-	-	-	-	-	-	-	-	79.0	5.4	1.47	6.6	6.6	73.1	8.2	57.6	10.3	73.1	8.2	90
110	104.7	2.7	0.94	103.2	3.4	1.176	4.3	1.47	96.5	6.6	2.19	8.1	8.1	89.4	10.0	69.1	12.3	89.4	10.0	110
125	118.9	3.1	1.24	117.3	3.9	1.520	4.8	1.85	109.9	7.4	2.79	9.2	9.2	101.5	11.4	84.5	15.1	101.5	11.4	125
140	133.2	3.5	1.55	131.5	4.3	1.888	5.4	2.34	123.1	8.3	3.50	10.3	10.3	113.9	12.7	107.6	17.1	113.9	12.7	140
160	152.3	4.0	2.01	150.4	4.9	2.440	6.2	3.07	140.7	9.5	4.57	11.8	11.8	130.0	14.6	123.1	19.2	130.0	14.6	160
180	171.5	4.4	2.50	169.2	5.5	3.088	6.9	3.82	158.3	10.7	5.78	13.3	13.3	146.3	16.4	138.5	21.9	146.3	16.4	180
200	190.5	4.9	3.07	187.7	6.2	3.868	7.7	4.74	175.8	11.9	7.13	14.7	14.7	162.5	18.2	153.7	24.6	162.5	18.2	200
225	214.4	5.5	3.89	211.5	6.9	4.817	8.6	5.96	197.8	13.4	9.04	16.6	16.6	182.9	20.5	173.2	30.8	182.9	20.5	225
250	238.0	6.2	4.87	234.9	7.7	5.974	9.6	7.38	220.0	14.8	11.08	18.4	18.4	203.4	22.7	192.5	34.2	203.4	22.7	250
280	266.7	6.9	6.03	263.1	8.6	7.470	10.7	9.20	246.3	16.6	13.92	20.6	20.6	227.8	25.4	215.4	38.3	227.8	25.4	280
315	300.2	7.7	7.58	296.0	9.7	9.467	12.1	11.72	276.6	18.7	17.84	23.2	23.2	256.3	28.6	242.4	43.0	256.3	28.6	315
355	338.2	8.7	9.64	333.6	10.9	11.969	13.6	14.81	312.1	21.1	22.44	26.1	26.1	288.8	32.2	273.3	48.5	288.8	32.2	355
400	380.0	9.8	12.85	375.8	12.3	15.243	15.3	18.78	351.9	23.7	28.36	29.4	29.4	325.4	36.3	307.8	54.6	325.4	36.3	400
450	428.9	11.0	15.41	423.0	13.8	19.200	17.2	23.75	395.9	26.7	35.93	33.1	33.1	366.1	40.9	346.5	61.5	366.1	40.9	450
500	476.3	12.3	19.18	470.0	15.3	23.678	19.1	29.30	440.0	29.6	44.26	36.8	36.8	406.8	45.4	385.0	75.4	406.8	45.4	500
560	533.7	13.7	23.80	526.3	17.2	29.717	21.4	36.64	492.7	33.2	55.53	41.2	41.2	455.8	50.8	430.3	86.5	455.8	50.8	560
630	600.4	15.4	30.22	592.2	19.3	37.594	24.1	46.54	554.4	37.3	70.27	46.3	46.3	512.6	57.2	484.1	106.2	512.6	57.2	630
710	676.5	17.4	38.45	667.3	21.8	47.775	27.2	59.15	624.6	42.1	89.37	52.2	52.2	577.6	64.5	546.5	136.2	577.6	64.5	710
800	762.3	19.6	48.76	752.0	24.5	60.520	30.6	74.91	703.9	47.4	113.32	58.8	58.8	651.0	72.5	615.9	162.2	651.0	72.5	800
900	857.8	22.0	61.51	846.0	27.6	76.663	34.4	94.75	791.7	53.5	143.71	76.4	76.4	732.4	81.7	694.0	199.2	732.4	81.7	900
1000	952.9	24.5	76.15	940.1	30.6	94.420	38.2	116.91	879.8	59.3	177.16	85.2	85.2	814.9	91.0	771.1	236.2	814.9	91.0	1000
1200	1143.1	29.4	109.59	1127.5	36.7	136.292	45.9	168.32	1062.7	70.6	243.30	102.0	102.0	975.8	109.1	924.9	311.4	975.8	109.1	1200

SDR - SIZE DIMENSIONAL RATIO, PN - PRESSURE RATING AT 20 DEGREES C AS/NZS 4130:2018

ALL PIPE SIZES AND SDR'S HIGHLIGHTED IN ORANGE UTILISE PREMIUM RESINS DESIGNED SPECIFICALLY FOR THE MANUFACTURE OF LARGE OD OR THICK WALL PIPE.

Comms Pipe Systems

David Moss Group supplies a full range of HDPE communication conduit coils for directional drilling applications, and PVC conduit lengths for open trenching applications. Communications coils are available in 63mm and 110mm OD. Special sizes and lengths can be manufactured to suit your project requirements. Fabricated bends, adaptors, fittings and accessories are also available.

David Moss Communication conduits are manufactured in standards sizes, however custom SDR and lengths are available upon request.



PVC COMMUNICATION CONDUIT (WHITE)

6M LENGTHS

NOM OD SIZE	DMIN	DMAX	MEAN BORE	MIN WALL	WEIGHT KG/M	PRODUCT CODE
50	60.1	60.45	53.15	3.65	0.8	AQCC506
100	113.62	114.2	105.2	4.5	2.31	AQCC1006

AUS COMM

4.5M LENGTHS

NOM OD SIZE	DMIN	DMAX	MEAN BORE	MIN WALL	WEIGHT KG/M	PRODUCT CODE
50	60.1	60.45	53.15	3.65	0.8	AQTC5045
100	113.62	114.2	105.2	4.5	2.31	AQTC10045

157.339 MM

OUTSIDE DIAMETER (INCH)	LENGTH	TELSTRA CODE	CLASS PRODUCT CODE	PRODUCT CODE
32	500	-	10	PC3217500BK

HDPE COMMUNICATION CONDUIT LIGHT DUTY (WHITE)

OUTSIDE DIAMETER (MM)	SDR	DUTY TYPE	COIL LENGTH (M)	WEIGHT (KG)	PRODUCT CODE
63	21	LD	140m	81.7	PC6321140CW
110	21	LD	100m	148	PC10021100CW

HDPE COMMUNICATION CONDUIT STANDARD DUTY (WHITE)

OUTSIDE DIAMETER (MM)	SDR	DUTY TYPE	COIL LENGTH (M)	WEIGHT (KG)	PRODUCT CODE
63	17	SD	140m	81.7	PC6317140CW
110	17	SD	100m	219	PC11017100CW

HDPE COMMUNICATION CONDUIT HEAVY DUTY (WHITE)

OUTSIDE DIAMETER (MM)	SDR	DUTY TYPE	COIL LENGTH (M)	WEIGHT (KG)	PRODUCT CODE
63	13.6	HD	140m	123	PC6313140CW
110	13.6	HD	100m	264	PC11013100CW

HDPE COMMUNICATION CONDUIT VERY HEAVY DUTY (WHITE)

OUTSIDE DIAMETER (MM)	SDR	DUTY TYPE	COIL LENGTH (M)	WEIGHT (KG)	PRODUCT CODE
63	11	VHD	140m	148	PC6311140CW
110	11	VHD	100m	318	PC11011100CW

HDPE COMMUNICATION CONDUIT ULTRA HEAVY DUTY (WHITE)

OUTSIDE DIAMETER (MM)	SDR	DUTY TYPE	COIL LENGTH (M)	WEIGHT (KG)	PRODUCT CODE
63	9	UHD	140m	81.7	PC6309140CW
110	9	UHD	100m	382	PC11009100CW

Fabricated bends, adaptors, fittings and accessories are also available.



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