

## MECHANICAL HOSE

SIZE		TYPE	ID	OD	PRESSURE			CARRIER	WIRE DIAMETER	NO. OF WIRES	COVERAGE	BEND RADIUS IN MM	
					WORKING	TESTING	BURST					STATIC	FLEXING
INCHES	MM		MM	MM	(KG/CM2)	(KG/CM2)	(KG/CM2)	MM		%			
1/4"	6	6.2	0	9.6	4	6	16					25	100
			1	10.48	100	150	400	24	0.22	8	99.76		
			2	11.36	160	240	640	24	0.22	8	-		
			3	12.28	220	330	880	24	0.22	8	-		
5/16"	8	8.2	0	12.3	4	6	16					25	100
			1	13.18	113	169.5	452	24	0.22	8	93.75		
			2	14.06	182	273	728	24	0.22	8	-		
			3	14.98	251	376.5	1004	24	0.22	8	-		
3/8"	10	10.3	0	14.3	4	6	16					40	150
			1	15.18	90	135	360	24	0.22	9	92.7		
			2	16.06	144	216	576	24	0.22	9	-		
			3	16.98	198	297	792	24	0.22	9	-		
1/2"	12	12.2	0	16.7	3	4.5	12					50	200
			1	17.58	80	120	320	24	0.22	10	90.82		
			2	18.46	128	192	512	24	0.22	10	-		
			3	19.38	176	264	704	24	0.22	10	-		
5/8"	15	16.2	0	21.6	3	4.5	12					50	200
			1	22.68	70	105	280	36	0.27	9	98.73		
			2	23.76	112	168	448	36	0.27	9	-		
			3	24.88	154	231	616	36	0.27	9	-		
3/4"	20	20.2	0	26.8	2	3	8					70	200
			1	27.88	64	96	256	36	0.27	10	95.94		
			2	28.96	102	153	408	36	0.27	10	-		
			3	30.08	140	210	560	36	0.27	10	-		
1"	25	25.4	0	32.2	2	3	8					90	200
			1	33.4	50	75	200	36	0.3	10	93.33		
			2	34.6	80	120	320	36	0.3	10	-		
			3	35.8	110	165	440	36	0.3	10	-		
1 1/4"	32	34	0	41.1	1.5	2.25	6					110	250
			1	42.3	40	60	160	36	0.3	12	94		
			2	43.5	64	96	256	36	0.3	12	-		
			3	44.7	88	132	352	36	0.3	12	-		
1 1/2"	40	40.1	0	49.8	1.5	2.25	6					130	250
			1	51.2	30	45	120	48	0.35	10	93.7		
			2	52.6	48	72	192	48	0.35	10	-		
			3	54	66	99	264	48	0.35	10	-		
2"	50	50.3	0	60.3	1	1.5	4					175	350
			1	61.9	28	42	112	48	0.4	11	89		
			2	63.5	44	66	176	48	0.4	11	-		
			3	65.1	60	90	240	48	0.4	11	-		
2 1/2"	65	62	0	76.5									
			1	78.1				64	0.4	11	97.75		
			2	79.7				64	0.4	11	-		
			3	81.3							-		
3"	80	80.7	0	95.2									
			1	96.8				64	0.4	12	93.5		
			2	98.4				64	0.4	12	-		
			3	100							-		
4"	100	99.8	0	114.5									
			1	116.3				72	0.45	12	95.33		
			2	118.1				72	0.45	12	-		
			3	119.9							-		