

Forces of Pull for Females (kg)

Maximal Acceptable Forces of Pull for Females (kg)																																				
2.1 m pull						7.6 m pull						15.2 m pull						30.5 m pull						45.7 m pull						61.0 m pull						
One Pull Every						One Pull Every						One Pull Every						One Pull Every						One pull every						One pull every						
6	12	1	2	5	30	8	15	22	1	2	5	30	8	25	35	1	2	5	30	8	1	2	5	30	8	1	2	5	30	8	2	5	30	8		
Height	Percent	Sec	Min			Hour	Sec	Min			Hour	Sec	Min			Hour	Sec	Min			Hour	Sec	Min			Hour	Sec	Min			Hour	Sec	Min			Hour
Initial Forces																																				
135	90	13	16	17	18	20	21	22	13	14	16	16	18	19	20	10	12	13	14	15	16	17	12	13	14	15	17	12	13	14	15	17	12	13	14	15
	75	16	19	20	21	24	25	26	16	17	19	19	21	22	24	12	14	16	16	18	19	20	14	16	17	18	20	14	16	17	18	20	14	15	16	18
	50	19	22	24	25	28	29	31	19	20	22	23	25	26	28	14	16	19	19	21	22	24	17	18	20	21	24	17	18	20	21	24	16	18	19	21
	25	24	25	28	29	32	33	35	21	23	25	26	29	30	32	16	19	21	22	25	26	27	19	21	23	24	27	19	21	23	24	27	19	20	22	25
	10	24	28	34	32	36	37	39	24	26	28	29	32	34	36	18	21	24	25	27	29	30	22	24	25	27	31	22	24	25	27	31	21	23	24	27
89	90	14	16	18	19	21	22	23	14	15	16	17	19	20	21	10	12	14	14	16	17	18	13	14	15	16	18	13	14	15	16	18	12	13	14	16
	75	16	19	21	22	25	26	27	17	18	19	20	22	23	25	12	15	17	17	19	20	21	15	16	18	19	21	15	16	18	19	21	15	16	17	19
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	25	22	26	29	30	33	35	37	22	24	26	27	30	31	33	16	20	22	23	26	27	28	20	22	24	25	29	20	22	24	25	29	20	21	23	26
	10	25	29	32	33	37	39	41	25	27	29	30	33	35	37	18	22	25	26	29	30	32	23	25	26	28	32	23	25	26	28	32	22	24	25	29
57	90	15	17	19	20	22	23	24	15	16	17	18	20	21	22	11	13	15	15	17	18	19	13	14	15	17	19	13	14	15	17	19	13	14	15	17
	75	17	20	22	23	26	27	28	17	19	20	21	23	24	26	13	15	17	18	20	21	22	16	17	18	20	22	16	17	18	20	22	15	16	18	20
	50	20	24	26	27	30	32	33	20	22	24	25	28	29	30	15	18	20	21	23	24	26	18	20	22	23	26	18	20	22	23	26	18	19	21	23
	25	23	27	30	31	35	36	38	23	25	27	29	32	33	35	17	21	23	24	27	28	30	21	23	25	27	30	21	23	25	27	30	21	22	24	27
	10	26	31	34	35	39	40	43	26	28	31	32	35	37	39	19	23	26	27	30	31	33	24	26	28	30	34	24	26	28	30	34	23	25	27	30
Sustained Forces																																				
135	90	6	9	10	10	11	12	15	7	8	9	9	10	11	13	6	7	7	8	8	9	11	6	7	7	8	10	6	6	7	7	9	5	5	5	7
	75	8	12	13	14	15	16	20	9	11	12	12	13	14	18	7	9	10	10	11	12	15	8	9	10	10	14	8	9	9	9	12	7	7	7	10
	50	10	16	17	18	19	21	25	12	13	15	16	17	18	22	9	11	13	13	14	15	19	11	12	12	13	17	10	11	11	12	16	8	9	9	12
	25	11	19	21	21	23	25	31	14	16	18	19	21	22	27	11	14	15	16	17	19	23	13	15	15	16	21	12	13	14	14	19	10	11	11	15
	10	15	22	24	25	27	29	36	16	19	21	22	24	26	32	13	16	18	18	20	22	27	15	17	17	18	25	14	15	16	17	23	12	12	13	17
89	90	6	9	10	10	11	12	14	7	8	9	9	10	10	13	5	6	7	7	8	9	11	6	7	7	7	10	5	6	6	7	9	5	5	5	7
	75	8	12	13	13	15	16	19	9	10	11	12	13	14	17	7	8	10	10	11	12	14	8	9	9	10	13	7	8	9	9	12	6	7	7	9
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	25	12	18	20	21	23	24	30	14	16	18	18	20	22	27	11	13	15	15	17	18	22	12	14	15	15	21	11	13	13	14	19	10	10	11	15
	10	14	21	23	24	26	28	35	16	18	21	21	23	25	31	13	15	17	18	20	21	26	15	16	17	18	24	13	15	16	16	22	12	12	13	17
57	90	5	8	9	9	10	11	13	6	7	8	8	9	10	12	5	6	7	7	7	8	10	6	6	6	7	9	5	6	6	6	8	4	5	5	6
	75	7	11	12	12	13	14	18	8	9	11	11	12	13	16	7	8	9	9	10	11	13	7	8	9	9	12	7	8	8	8	11	6	6	6	9
	50	9	14	15	16	17	18	23	10	12	13	14	15	16	20	8	10	11	12	13	14	17	9	11	11	12	16	9	10	10	11	14	8	8	8	11
	25	11	17	18	19	21	22	27	13	15	16	17	19	20	24	10	12	14	14	16	17	21	11	13	13	14	19	11	12	12	13	17	9	10	10	13
	10	13	20	21	22	24	26	32	15	17	19	20	22	23	28	12	14	16	16	18	19	14	13	15	16	16	22	12	14	14	15	20	11	11	12	16