

Tolerances For Rope Diameter Ropes For General Purpose

Nominal rope diameter – inch (mm)	Diameter tolerance as percentage of nominal diameter
$d \leq 1/8$ (3)	+8 -0
$1/8$ (3) < $d \leq 3/16$ (5)	+7 -0
$3/16$ (5) < $d \leq 5/16$ (8)	+6 -0
$5/16$ (8) $\leq d$	+5 -0

Elevator Suspension & Governor Ropes

Ropes with fiber or other non-metallic material cores:

Nominal rope diameter inch (mm)	Diameter tolerance as percentage of nominal diameter		
	Max. at no load	Min. at 5% of F_{min}	Min. at 10% of F_{min}
$d \leq 3/8$ (10)	+6	+1	0
$3/8$ (10) < d	+5	+1	0

Ropes with steel or steel based composite cores, including parallel closed ropes (PWRC):

Nominal rope diameter inch (mm)	Diameter tolerance as percentage of nominal diameter		
	Max. at no load	Min. at 5% of F_{min}	Min. at 10% of F_{min}
$d \leq 3/8$ (10)	+3	0	-1
$3/8$ (10) < d	+2	0	-1

F_{min} – Minimum Breaking Force of the rope

Ropes For Suspension of Roped Hydraulic Lifts & Compensating Ropes

Nominal rope diameter (inch)	Diameter tolerance as percentage of nominal diameter
$1/4$ (6) $\leq d < 5/16$ (8)	+6 -0
$5/16$ (8) $\leq d$	+5 -0

The information in this brochure was prepared with utmost care but it is for reference only and is subject to change without notice

Information for use and maintenance can be found under "Technical Info./ Storage, handling, installation and maintenance"

On our website: www.messilot.co.il



Kibbutz Messilot | ISRAEL | 1080400
Office. +972 4 6066230 | Fax. +972 4 6066237
messilot@messilot.org.il | www.messilot.co.il