

# QGUZ.MH45119 - Life-safety Rope and Equipment for Emergency Services

## Life-safety Rope and Equipment for Emergency Services

### BLUEWATER ROPES INC

209 Lovvorn Rd  
Carrollton, GA 30117-3617 United States

MH45119

Certified in accordance with ANSI/NFPA 1983 (2017)

### Descent-control devices

Model/Dsg	Class	Min/Max Rope Diameter (mm)	Rope Used
601000S, Rescue 8 Descender	Technical	9.5 - 11.5	BlueWater Ropes, E-safe, 9.5 mm BlueWater Ropes, BWII, 11.5 mm
	General	11.5 - 13.0	BlueWater Ropes, BWII, 11.5 mm BlueWater Ropes, 1/2" Protac, 13.0 mm

### Escape rope

Model/Dsg	Diameter (mm)	MBS (kN)	% Elongation
529900 SearchLine	9.0	31.5	3.8 @ 1.35 kN (300 lbf), 6.8 @ 2.7 kN (600 lbf), 8.8 @ 4.4 kN (1000 lbf)
524800 8.0 mm PER	8.0	18.8	4.4 @ 1.35 kN (300 lbf), 8.2 @ 2.7 kN (600 lbf), 10.7 @ 4.4 kN (1000 lbf)
527800 8.0 mm Technora PER	8.0	24.8	4.4 @ 1.35 kN (300 lbf), 6.4 @ 2.7 kN (600 lbf), 8.3 @ 4.4 kN (1000 lbf)
528800 7.5 mm Hybrid PER	7.5	19.1	5.8 @ 1.35 kN (300 lbf), 9.4 @ 2.7 kN (600 lbf), 11.8 @ 4.4 kN (1000 lbf)

### Fire-escape rope

Model/Dsg	Diameter (mm)	MBS (kN)	% Elongation
528700, 7.5mm Escape-Tech	7.5	26.9	0.8 @ 1.35 kN (300 lbf), 1.4 @ 2.7 kN (600 lbf), 1.8 @ 4.4 kN (1000 lbf)

### Life-safety rope

<b>Model/Dsg</b>	<b>Class</b>	<b>Diameter (mm)</b>	<b>MBS (kN)</b>	<b>% Elongation</b>
534900, 5/8" Safeline	General	15.5	61.0	1.9 @ 1.35 kN (300 lbf), 3.0 @ 2.7 kN (600 lbf), 4.8 @ 4.4 kN (1000 lbf)
534800, 1/2" Safeline	General	12.5	45.4	1.9 @ 1.35 kN (300 lbf), 3.8 @ 2.7 kN (600 lbf), 6.2 @ 4.4 kN (1000 lbf)
534700, 7/16" Safeline	Technical	11.0	33.2	2.4 @ 1.35 kN (300 lbf), 5.1 @ 2.7 kN (600 lbf), 7.8 @ 4.4 kN (1000 lbf)
534600, 3/8" Safeline	Technical	9.5	31.0	2.8 @ 1.35 kN (300 lbf), 5.8 @ 2.7 kN (600 lbf), 8.2 @ 4.4 kN (1000 lbf)
591800, 1/2" Protac	General	13.0	45.2	2.0 @ 1.35 kN (300 lbf), 4.1 @ 2.7 kN (600 lbf), 6.2 @ 4.4 kN (1000 lbf)
591700, 7/16" Protac	Technical	11.0	33.5	2.6 @ 1.35 kN (300 lbf), 5.4 @ 2.7 kN (600 lbf), 7.6 @ 4.4 kN (1000 lbf)
509800, 1/2" Armor-Tech	General	13.0	45.1	2.8 @ 1.35 kN (300 lbf), 5.7 @ 2.7 kN (600 lbf), 7.8 @ 4.4 kN (1000 lbf)
540800, 1/2" Spec-Static	General	13.0	47.6	1.3 @ 1.35 kN (300 lbf), 1.9 @ 2.7 kN (600 lbf), 2.6 @ 4.4 kN (1000 lbf)
540700, 7/16" Spec-Static	Technical	11.5	34.5	1.2 @ 1.35 kN (300 lbf), 1.7 @ 2.7 kN (600 lbf), 2.5 @ 4.4 kN (1000 lbf)
511700, 7/16" RAT	Technical	11.5	35.3	2.4 @ 1.35 kN (300 lbf), 5.1 @ 2.7 kN (600 lbf), 7.4 @ 4.4 kN (1000 lbf)
510700, 7/16" NFPA Black	Technical	11.5	35.3	2.4 @ 1.35 kN (300 lbf), 5.1 @ 2.7 kN (600 lbf), 7.4 @ 4.4 kN (1000 lbf)
514700, 7/16" NFPA BWII	Technical	11.5	35.3	2.4 @ 1.35 kN (300 lbf), 5.1 @ 2.7 kN (600 lbf), 7.4 @ 4.4 kN (1000 lbf)
508700, 7/16" Assaultline Black	Technical	11.5	35.3	2.4 @ 1.35 kN (300 lbf), 5.1 @ 2.7 kN (600 lbf), 7.4 @ 4.4 kN (1000 lbf)
501700, Assaultline	Technical	11.5	35.3	2.4 @ 1.35 kN (300 lbf), 5.1 @ 2.7 kN (600 lbf), 7.4 @ 4.4 kN (1000 lbf)
501700, BWII	Technical	11.5	35.3	2.4 @ 1.35 kN (300 lbf), 5.1 @ 2.7 kN (600 lbf), 7.4 @ 4.4 kN (1000 lbf)
515700, 7/16" Technora Assaultline	General	11.5	40.0	2.8 @ 1.35 kN (300 lbf), 5.7 @ 2.7 kN (600 lbf), 8.1 @ 4.4 kN (1000 lbf)
533700, 10mm E-Safe	Technical	10.0	32.8	1.3 @ 1.35 kN (300 lbf), 2.4 @ 2.7 kN (600 lbf), 3.5 @ 4.4 kN (1000 lbf)
512700, 7/16" Assaultline, Berry Amendment Compliant	Technical	11.0	27.8	2.5 @ 1.35 kN (300 lbf), 4.2 @ 2.7 kN (600 lbf), 7.0 @ 4.4 kN (1000 lbf)
517700, 11mm DGR	Technical	11.0	34.1	2.4 @ 1.35 kN (300 lbf), 5.3 @ 2.7 kN (600 lbf), 8.0 @ 4.4 kN (1000 lbf)

514000, 11mm Pro-G	General	11.0	42.0	2.6 @ 1.35 kN (300 lbf), 4.7 @ 2.7 kN (600 lbf), 6.8 @ 4.4 kN (1000 lbf)
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**Throwlines**

Model/Dsg	Diameter (mm)	MBS (kN)
502400, 9.0mm Sure-Grip	9.0	22.7

**Manufacturer-supplied eye terminations**

Model/Dsg	Class	MBS (kN)	Diameter/Perimeter of Rope/Webbing	Rope/Webbing Designation
528705H	Fire Escape	20.6	7.5 mm	7.5mm Escape-Tech
501700ST	Technical	31.5	11.5 mm	BWII
501700ST	Technical	31.5	11.5 mm	Assaultline
534700ST	Technical	31.6	11.0 mm	7/16" SafeLine
534800ST	General	44.1	12.5 mm	1/2" SafeLine

**Multiple-configuration straps**

Model/DsgD	Class	MBS (kN)
7530xx+	General	Basket (U) configuration: 50.6 End-to-end configuration: 33.4 Choker configuration: 33.9

+ - The "xx" in the model number is replaced with numbers to indicate length, in inches.

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