

The Railing Loom is a **patented cable infill system** built around a single continuous woven cable. Unlike conventional cable railing systems requiring individual cable runs and multiple fittings, a single cable weaves the full panel and tensions at **4 points for an entire panel** – 2 per Loom, one Loom per end – resulting in minimal visible hardware, faster installation, and a cleaner architectural finish. Compatible with a wide variety of post designs and materials.

**CABLE SPECIFICATION**

<b>DIAMETER</b> 5/32"	<b>CONSTRUCTION</b> 7×19 Strand	<b>MATERIAL</b> 304 Stainless Steel
<b>MAX PANEL LENGTH</b> 30'-0"	<b>INTERMEDIATE SUPPORT</b> 4'-0" recommended	<b>MAX SUPPORT SPACING</b> 5'-0" maximum

**PRODUCT FAMILY**

PART NO.	DESCRIPTION	OPENING	RAIL HEIGHT	CABLES	LENGTH	WEIGHT	LEAD TIME	
<b>HORIZONTAL – DECK, BALCONY &amp; LANDING APPLICATIONS</b>								
RLH.40.5.11	40-1/2" Opening Horizontal Loom	40-1/2"	42" commercial	11	34.150"	6.85 lbs	3 weeks	
RLH.35.5.9	35-1/2" Opening Horizontal Loom	35-1/2"	36" residential	9	29.80"	6.19 lbs	3 weeks	
<b>STAIR – RAKED APPLICATIONS</b>								
RLS.37.25.11	37-1/4" Opening Stair Loom	37-1/4"	42" commercial	11	32.44"	6.00 lbs	3 weeks	
RLS.34.25.9	34-3/16" Opening Stair Loom	34-3/16"	36" residential	9	29.00"	5.51 lbs	3 weeks	
<b>REQUIRED HARDWARE – STAIR APPLICATIONS</b>								
RLS.BP	Stair Loom Bolt Pivot	2 required per stair Loom						3 weeks
RLA.P	Anchor Pivot	2 recommended per stair Loom						3 weeks

**CABLE SPACING – CENTER TO CENTER FROM FIRST CABLE**

RLH.40.5.11 HORIZONTAL 42" - 11 CABLES			RLH.35.5.9 HORIZONTAL 36" - 9 CABLES			RLS.37.25.11 STAIR 42" - 11 CABLES			RLS.34.25.9 STAIR 36" - 9 CABLES		
1st	0.700" from btm		1st	0.700" from btm		1st	0.700" from btm		1st	0.700" from btm	
2	3.275" O.C.	3.975"	2	3.550" O.C.	4.250"	2	3.10" O.C.	3.800"	2	3.45" O.C.	4.150"
3	3.275" O.C.	7.250"	3	3.550" O.C.	7.800"	3	3.11" O.C.	6.910"	3	3.45" O.C.	7.600"
4	3.275" O.C.	10.525"	4	3.550" O.C.	11.350"	4	3.10" O.C.	10.010"	4	3.45" O.C.	11.050"
5	3.275" O.C.	13.800"	5	3.550" O.C.	14.900"	5	3.11" O.C.	13.120"	5	3.45" O.C.	14.500"
6	3.275" O.C.	17.075"	6	3.550" O.C.	18.450"	6	3.10" O.C.	16.220"	6	3.45" O.C.	17.950"
7	3.275" O.C.	20.350"	7	3.550" O.C.	22.000"	7	3.10" O.C.	19.320"	7	3.45" O.C.	21.400"
8	3.275" O.C.	23.625"	8	3.550" O.C.	25.550"	8	3.11" O.C.	22.430"	8	3.45" O.C.	24.850"
9	3.275" O.C.	26.900"	9	3.550" O.C.	29.100"	9	3.10" O.C.	25.530"	9	3.45" O.C.	28.300"
10	3.275" O.C.	30.175"				10	3.11" O.C.	28.640"			
11	3.275" O.C.	33.450"				11	3.10" O.C.	31.740"			

**LOOM BODY DIMENSIONS – ALL MODELS**

<b>WIDTH</b> 1-1/4"	<b>THICKNESS</b> 5/8"	<b>MATERIAL</b> Mild Steel
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**FINISH OPTIONS**

<input checked="" type="radio"/>	<b>CLEAR SEALER</b> Natural dark grey mill-scale with clear coat
<input checked="" type="radio"/>	<b>POWDER COAT BLACK</b> Light-medium gloss black – add 1 week
<input type="radio"/>	<b>CUSTOM</b> Special orders – contact for availability

## INSTALLATION NOTES

### PANEL LENGTH & SUPPORT

Maximum panel length **30'-0"**. Intermediate cable supports required at **4'-0" recommended**, 5'-0" maximum spacing.

### TENSIONING

Single continuous cable tensioned at **4 points per panel** – 2 per Loom, one Loom per end. No individual cable adjustment required. Impact driver compatible. Note: excessive tension can deflect posts – consult post specifications for load limits.

### POST COMPATIBILITY

Designed to be compatible with a wide variety of post designs and materials – steel, wood, even log. Minimum post face width **1"**; **1-1/4" recommended**. Cable loads are significant – post must resist lateral cable tension. Contact to confirm compatibility.

### STAIR APPLICATIONS

Stair Looms require **RLS.BP Bolt Pivot** (2 per Loom) and **RLA.P Anchor Pivot** (2 recommended). Optimized for 34-3/16" and 37-1/4" stair openings at common stair pitches.

### CODE COMPLIANCE

Cable spacing of **3.10"-3.55" O.C.** meets the IRC/IBC 4-inch sphere rule under deflection. 42" commercial height meets IBC requirements. 36" residential height meets IRC minimums. Always verify with your local Authority Having Jurisdiction (AHJ) – local codes may vary.

### ORDERING

Contact for quote and lead time confirmation. Standard lead time **3 weeks** from order. Powder coat adds 1 week. Custom lengths and configurations available – contact to discuss.

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