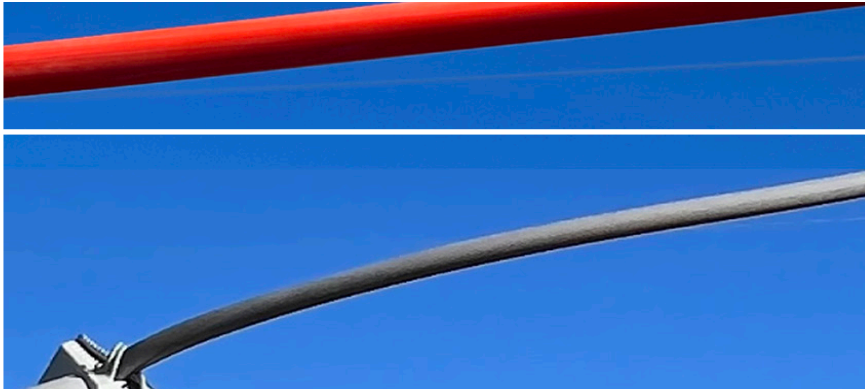





# Enviroguard™ rip-stop™

## Insulating line hose



Line hose prevents electrocutions by insulating dangerous energized areas. It can be used on any bare or non-insulated area or wire to add insulating protection.

-   
 V-O  
 flame retardant
-   
 Very hotstick  
 friendly
-   
 Rated at 35kV  
 insulation

### Only tear resistant line hose in the industry

- Rip-stop™ tear resistant vulcanized silicone - only one of its kind
- Best in class silicone rip-stop™ line hose does not tear/deteriorate/get hard/brittle
- Protects lines from contact-caused outages and adverse environmental conditions including vegetation, wildlife, weather, etc.
- Stays easily pliable in all weather conditions // -40 C to 175 C operating temperatures
- Available in gray and hi-viz orange or yellow
- 50% overlap provides superior coverage
- UL 94 V-0 flame retardant material
- Easy hotstick or glove install
- Note: not for human protection



videos +  
more



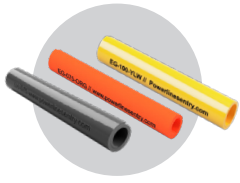
SKU	Color	Length	I.D.	kV rating	ACSR range	Conductor range	Min qty
LH-038-50	●	50'/15.24 m	3/8"/.95 cm	≤25 kV	#6-2/0 ACSR	0.175"-5"/.44 cm-1.27 cm	-
LH-038-50-KT *	●	50'/15.24 m	3/8"/.95 cm	≤25 kV	#6-2/0 ACSR	0.175"-5"/.44 cm-1.27 cm	-
LH-063-50	●	50'/15.24 m	5/8"/1.59 cm	≤34.5 kV	1/0-336 ACSR	.375"-7"/.95 cm-1.78 cm	-
LH-063-50 KT *	●	50'/15.24 m	5/8"/1.59 cm	≤34.5 kV	1/0-366 ACSR	.375"-7"/.95 cm-1.78 cm	-
LH-075-50	●	50'/15.24 m	3/4"/1.91 cm	≤34.5 kV	266-477 ACSR	.6"-9"/1.52 cm- 2.29 cm	-
LH-075-50-KT *	●	50'/15.24 m	3/4"/1.91 cm	≤34.5 kV	266-477 ACSR	.6"-9"/1.52 cm- 2.29 cm	-
LH-100-25	●	25'/7.62 m	1"/2.54 cm	≤44 kV	397-715 ACSR	.74" - 1.1"/1.88 cm - 2.8 cm	-
LH-100-25-KT *	●	25'/7.62 m	1" / 2.54 cm	≤44 kV	397-715 ACSR	.74"-1.1"/1.88 cm-2.8 cm	-
LH-125-25	●	25'/7.62 m	1 1/4"/3.18 cm	≤44 kV	715-1192 ACSR	1"-1.35"/2.54 cm- 3.43 cm	-
LH-125-25-KT *	●	25'/7.62 m	1 1/4"/3.18 cm	≤44 kV	715-1192 ACSR	1"-1.35"/2.54 cm- 3.43 cm	-
LH-150-25	●	25'/7.62 m	1 1/2"/3.81 cm	≤69 kV	1193-1780 ACSR	1.3" - 1.6"/3.3 cm -4.06 cm	-
EG-075-ORG-12	●	12'/3.36 m	3/4"/1.91 cm	≤34.5 kV	266-477 ACSR	.6" - .9"/1.52 cm- 2.29 cm	5
EG-100-ORG-12	●	12'/3.36 m	1"/2.54 cm	≤44 kV	397-715 ACSR	.74"-1.1"/1.88 cm- 2.8 cm	5
EG-125-ORG-12	●	12'/3.36 m	1 1/4"/3.17 cm	≤44 kV	715-1192 ACSR	1"-1.35"/ 2.54 cm- 3.43 cm	5
EG-075-YWL-12	●	12'/3.36 m	3/4" 1.91 cm	≤34.5 kV	266-477 ACSR	.6"-.9"/1.52 cm- 2.29 cm	5
EG-100-YWL-12	●	12'/3.36 m	1"/2.54 cm	≤44 kV	397-715 ACSR	.74"-1.1"/1.88 cm- 2.8 cm	5
EG-125-YWL-12	●	12'/3.36 m	1 1/4"/3.17 cm	≤44 kV	715 - 1192 ACSR	1"-1.35"/2.54 cm- 3.43 cm	5

\* KT-series kits include hotstick compatible installation tool

Tools	
LHT-038	Hotstick compatible installation tool for LH-038
LHT-038-R	Hotstick compatible installation tool set for full span installation of LH-038 rolls
LHT-063-075	Hotstick compatible installation tool for LH-063 and LH-075
LHT-100-125	Hotstick compatible installation tool for LH-100 and LH-125
LHT-150	Hotstick compatible installation tool for LH-150

Tests	Results
IEEE 1656/5.2 wet withstand	>20 kV
Tear strength	46.5 KN/M
ASTM D257-14 volume resistivity	5.20X10 <sup>16</sup> OHMS/cm
ASTM D257-14 surface resistance	1.61X10 <sup>12</sup> OHMS
ASTM D257-14 insulation resistance	2.94X10 <sup>12</sup> OHMS
ISO 37:2017 elongation at break	414%
ISO 7619-1:2010 shore hardness	62 SHORE A
ASTM D573-04 heat resistance	200°C/72 hrs 414% elongation, 65 shore A
IEEE 1656 / 5.6 Ultraviolet aging / ASTM G-155	1,000 hrs
UL 94 flammability of plastic materials	V-0
ASTM D149 dielectric strength	287 V/MIL (11.3 kV/mm)
ASTM D 3638 comparative tracking index	526 V
ASTM D150-18 dielectric constant and dissipation factor	2.96 // 0.004
ISO 812 brittleness temperature	>-94°F (-70°C)





Please note: Data in conductor column reflects maximum size of conductor application.  
For additional support please reach out to [sales@powerlinesentry.com](mailto:sales@powerlinesentry.com).

CONDUCTOR			INSULATION RATING (KV)					
MM <sup>2</sup>	Diameter in (mm)	ACSR (Up to)	Power Line Sentry Rip Stop™ and Enviroguard™ Series Silicone Line Hose					
			LH-038	LH-063	LH-075 EG-075	LH-100 EG-100	LH-125 EG-125	LH-150
26.47	.257 (6.53)	4	25	34.5	34.5			
42.09	.315 (8.01)	2	25	34.5	34.5			
62.44	.398 (10.11)	1/0	25	34.5	34.5			
78.55	.447 (11.34)	2/0	25	34.5	34.5	44		
99.31	.502 (12.75)	3/0	25	34.5	34.5	44		
125.10	.563 (14.31)	4/0	13.8	34.5	34.5	44		
142.5	.641 (16.28)	266	13.8	34.5	34.5	44	44	
210.3	.741 (18.830)	336	7.2	34.5	34.5	44	44	
247.8	.805 (20.44)	397		25	34.5	44	44	
297.6	.882 (22.4)	477		13.8	34.5	44	44	
347.9	.953 (24.21)	556		13.8	25	44	44	69
393.2	1.01 (25.76)	666		13.8	25	44	44	69
495.6	1.14 (28.96)	795			13.8	44	44	69
636.6	1.29 (32.85)	1113				34.5	44	69
726.8	1.38 (35.10)	1272				34.5	44	44/66
818.7	1.47 (37.24)	1431				25	44	44/66
908.7	1.55 (39.26)	1590				25	44	44

