STABILOY® Brand XHHW-2 Cable

General Cable's STABILOY® Brand XHHW-2 feeder cable offers the electrical contractor an innovative solution to reduce installation time by reducing labor, waste and material costs. Our high speed aluminum alloy feeder cable features a specially designed, durable XLPE insulation that allows wire pulling without added lubricant.

General Cable's XHHW-2 consists of a single aluminum alloy conductor with a specially designed insulation. Flexible and lightweight, STABILOY Brand aluminum alloy feeder conductors weigh half as much as copper conductors of equal ampacity.

Product Features:

- Easy to pull insulation reduces pull force by 42% compared to the installation of regular XHHW-2 with pulling lubricant
- Compact stranded conductor (AA-8030 aluminum alloy) is lightweight for easier lifting and handling with 25% more flexibility and 40% less springback than copper conductors of similar ampacity
- Sunlight resistant, moisture resistant and flame retardant insulation
- Cross-linked polyethylene (XLPE) insulation has a higher short-circuit temperature rating than THHN/THWN-2 insulation
- XLPE insulation on the conductors is rated for a maximum operating temperature of 90° C in dry and wet locations
- Insulation is free of harmful heavy metals in compliance with RoHS, Directive 2002/95/EC
- Terminates safely with industry standard dual rated aluminum lugs
- Meets the requirements of Underwriter's Laboratories Inc., Standard 44 for Type XHHW-2
- Recognized by ASTM B800, B801, and B836

Application:

- STABILOY Brand XHHW-2 is approved for use in accordance with the requirements of the NEC®
- Intended for general purpose wiring in residential, commercial and industrial construction
- STABILOY Brand XHHW-2 cable is typically used in conventional pipe and wire installations

STABILOY® BRAND

STABILOY® Brand XHHW-2

Size AWG or kcmil	Insulation Thickness (mils)	NOMINAL DIMENSIONS				NOMINAL WEIGHT (LBS/1000 FT.)		STANDARD PACKAGE	
		Bare Conductor Diameter (inches)	Conductor Diameter (inches)	Bare Conductor Area (Sq. inches)	Insulated Conductor Area (Sq. inches)	Bare Conductor	Total	Length (feet)	Reel (inches)
6	45	.169	.269	.0224	.0530	25	39	1000‘	NRC 16.15
4	45	.213	.303	.0356	.0721	39	57	1000‘	NRC 16.15
2	45	.268	.358	.0564	.1006	62	84	1000‘	NRC 21.15
1	55	.299	.415	.0702	.1352	79	108	1000‘	NRC 21.15
1/0	55	.336	.446	.0887	.1590	99	132	1000‘	NRC 21.15
2/0	55	.376	.490	.1110	.1885	125	161	1000‘	NRC 21.18
3/0	55	.423	.540	.1405	.2290	158	198	1000‘	NRC 24.15
4/0	55	.475	.590	.1772	.2733	199	244	1000‘	NRC 24.18
250	65	.520	.655	.2124	.3370	235	292	1000‘	NRC 27.18
300	65	.570	.705	.2552	.3904	282	344	1000‘	NRC 30.18
350	65	.616	.750	.2980	.4418	326	396	1000‘	NRC 30.24
400	65	.659	.795	.3411	.4964	376	448	1000‘	NRC 32.24
500	65	.736	.870	.4254	.5945	471	550	1000‘	NRC 32.24
600	80	.813	.980	.5191	.7542	565	671	1000‘	NRC 36.24
700	80	.877	1.040	.6041	.8494	659	774	1000‘	NRC 40.24
750	80	.908	1.075	.6475	.9076	706	824	1000‘	NRC 40.24
900	80	.999	1.169	.7838	1.0733	847	983	1000‘	NRC 42.26
1000	80	1.060	1.230	.8825	1.1882	941	1079	1000‘	NRC 48.25

Notes:

1. *Data are approximate and subject to normal manufacturing tolerances.*
2. *Standard lengths are subject to normal manufacturing tolerances of ±10%.*
3. *Two or more conductors can be paralleled on a reel.*
4. *The suffix -2 indicates that these wire types can be used at a continuous 90° C operating temperature in wet and dry locations.*

General Cable

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