

ALCAN CABLE



STABILOY® WIDESTRIPE® HS XHHW-2

When specifications call for wire in pipe, STABILOY® WIDESTRIPE HS® XHHW-2 feeder cable answers the call. Our phase identified aluminum alloy feeder cable features a specially designed, durable XLPE insulation that allows wire pulling without added lubricant.

Alcan Cable's high speed wiring solution, STABILOY WIDESTRIPE HS XHHW-2 feeder cable, answers the contractor's call for rapid cycle construction products. As part of the STABILOY family of aluminum alloy feeder cables, WIDESTRIPE HS XHHW-2 offers the electrical contractor an innovative solution to reduce installation time by reducing labor, waste, and material costs.

New STABILOY WIDESTRIPE HS (High Speed) XHHW-2 makes parallel runs a breeze with:

- Easier pulling by hand or winch
- Faster installation because lubricating tasks are eliminated
- Quicker jobsite clean up
- No slippery lubricant spills and hazardous finger pinch points from conduit lubricant application which results in a safer work environment

Alcan Cable's STABILOY WIDESTRIPE HS XHHW-2 conductors are intended for general purpose wiring in residential, commercial and industrial construction. They meet or exceed the requirements of Underwriters Laboratories, Inc. standards and are approved for use in accordance with the recommendations of the National Electrical Code.

Alcan Cable products are manufactured in an environmentally responsible manner and do not contain harmful materials like lead* and other heavy metals.

Alcan Cable offers the electrical contractor the opportunity to choose the most economical product configuration from the STABILOY line of aluminum alloy cable products to meet project specifications. In addition, Alcan Cable's Field Application Engineers are available to assist with specialized technical support regarding the use and application of STABILOY brand aluminum alloy feeder cables.

When only pipe and wire will do - specify

STABILOY
wideSTRIPE**HS**
HIGH SPEED

*Denotes compliance to RoHS, Directive 2002/95/EC.

PRODUCT FEATURES

Easy to Pull insulation reduces pull force by 42% compared to the installation of regular XHHW-2 with pulling lubricant.

Color Phase Identification with three wide color stripes embedded within the surface of the cross-linked polyethylene insulation. Also available in solid black.

Sunlight resistant, moisture resistant and flame retardant insulation, which enhances the life of the cable by fending off environmental elements that can cause deterioration.

Heavy Metals Free* insulation is RoHS compliant and environmentally sustainable while providing excellent long term performance.

Exceptional Insulation – The cross-linked polyethylene (XLPE) insulation on STABILOY aluminum alloy conductors performs better in cold impact tests, wet electrical tests and long term aging trials making XLPE a better insulation for every application.

Maximum Conductivity - STABILOY aluminum alloy conductors carry twice the ampacity per pound as equivalent copper conductors giving you the same performance advantages that Utilities depend on for the national power grid.

Reliable Terminations - STABILOY aluminum alloy conductors terminate safely with industry standard tin plated aluminum lugs. The similar metals connection virtually eliminates creep which translates into a safe and reliable termination.

Easy to Install – Because WIDESTRIPE XHHW-2 is made with STABILOY AA-8030 conductors, it is lightweight for easier lifting and handling with 25% more flexibility and 40% less springback than copper conductors of similar ampacity.

ALCAN CABLE



STABILOY® WIDESTRIPE® HS XHHW-2

STABILOY® WIDESTRIPE® HS XHHW-2

Size AWG or kcmil	Insulation Thickness (mils)	NOMINAL DIMENSIONS				NOMINAL WEIGHT (LBS/1000 FT.)		STANDARD PACKAGE	
		Bare Conductor Diameter (inches)	XHHW-2 Conductor Diameter (inches)	Bare Conductor Area (Sq. inches)	XHHW-2 Insulated Conductor Area (Sq. inches)	STABILOY	Total	Length	Reel
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.

ALCAN CABLE

Three Ravinia Drive, Suite 1600
Atlanta, Georgia 30346
(770) 394-9886 fax (770) 395-0005

www.cable.alcan.com

BW-0014B
8/2011

