

Minimum Reel Drum Diameter for CORFLEX[®] and DriveRx[®] VFD Cables

Minimum Reel Drum Diameter (Inches)	Cable Diameter (17x)	
	Minimum	Maximum

12	0.647	0.706
13	0.706	0.765
15	0.824	0.882
16	0.882	0.941
18	1.000	1.059
19	1.059	1.118
20	1.118	1.176
21	1.177	1.235
22	1.235	1.294
23	1.294	1.353
25	1.412	1.471
26	1.471	1.529
28	1.588	1.647
29	1.647	1.706
30	1.706	1.765
31	1.765	1.824
33	1.882	1.941
36	2.059	2.118
38	2.177	2.235
44	2.529	2.588

Minimum Reel Drum Diameter (Inches)	600 V 1c CORFLEX [®]	
	Copper	Aluminum

12		
13	1 AWG, 1/0 AWG	
15	2/0 AWG	1/0 AWG, 2/0 AWG
16	3/0 AWG, 4/0 AWG	3/0 AWG, 4/0 AWG
18	250 kcmil	
19	300 kcmil	250 kcmil, 300 kcmil, 350 kcmil
20	350 kcmil	
21		
22	400 kcmil	400 kcmil
23	500 kcmil	500 kcmil
25		
26	600 kcmil	600 kcmil, 750 kcmil
28	750 kcmil	
29		
30		1000 kcmil
31	1000 kcmil	
33		
36		
38		
44		

Minimum Reel Drum Diameter (Inches)	1 kV DriveRx [®] VFD 3 Conductor
-------------------------------------	---

12	12 AWG
13	10 AWG
15	8 AWG
16	6 AWG
18	
19	4 AWG
20	
21	3 AWG
22	2 AWG
23	
25	1 AWG
26	1/0 AWG
28	
29	2/0 AWG
30	3/0 AWG
31	
33	4/0 AWG
36	250 kcmil
38	350 kcmil
44	500 kcmil

IMPORTANT NOTICE: This document is provided for informational purposes only in order to illustrate typical product constructions, applications and/or methods of installation. Because conditions of actual installation and use are unique and will vary, Nexans makes no representation or warranty as to the reliability, accuracy or completeness of this document or the information contained herein, even if Nexans is aware of the product's intended use or purpose. Furthermore, this document does not constitute, nor should it be regarded or relied upon, as professional engineering advice. Installation of cable should only be done by qualified personnel and in conformance with all safety, electrical and other applicable codes, standards, rules or regulations. Appropriate and correct product selection, installation and use, and compliance with all such codes, standards, rules and regulations, is a customer/end-user responsibility.

Customer Service:

1-800-268-WIRE (9473)
Québec: 1-800-263-2112