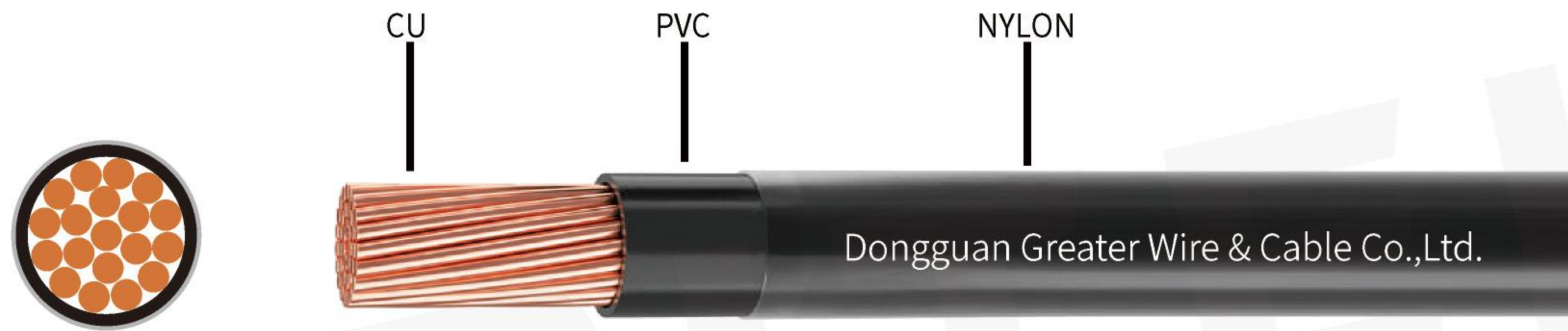


— CU THHN/THWN-2 CABLE 600V



APPLICATION

THHN/THWN-2 conductors are primarily used in conduit and cable trays for services, feeders and branch circuits in commercial or industrial APPLICATIONs as specified in the National Electrical Code. Voltage for all APPLICATIONs is 600 volts. THHN copper conductors are designed to be installed without APPLICATION of a pulling lubricant. These conductors have multiple ratings. Depending upon the product APPLICATION, allowable temperatures are as follows:

- THHN or T90 Nylon- Dry locations not to exceed 90° C
- THWN-2- Wet or dry locations not to exceed 90°C or locations not to exceed 75°C when exposed to oil
- THWN- Wet locations not to exceed 75°C or dry locations not to exceed 90°C or locations not to exceed 75°C when exposed to oil

APPROVALS

UL83,CUL

CABLE DESIGN

Conductor: Pure Copper

Insulation: PVC

Jacket: NYLON

Rated voltage: 600V

Conductor		Insulation Thickness (mils)	Jacket Thickness (mils)	Nominal O.D. (mils)	Approx. Net Wt. Per 1000' (lbs.)	Allowable Ampacities+		
Size (AWG or kcmil)	No. of strands					60°C	75°C	90°C
14*	1	15	4	102	15	15	15	
12*	1	15	4	119	23	20	20	
10*	1	20	4	150	36	30	30	
14*	19	15	4	109	16	15	15	
12*	19	15	4	128	24	20	20	
10*	19	20	4	161	38	30	30	
8	19	30	5	213	63	40	55	
6	19	30	5	249	95	55	75	
4	19	40	6	318	152	70	100	
3	19	40	6	346	189	85	115	
2	19	40	6	378	234	95	130	
1	19	50	7	435	299	110	145	
1/0	19	50	7	474	372	125	170	
2/0	19	50	7	518	462	145	195	
3/0	19	50	7	568	575	165	225	
4/0	19	50	7	624	718	195	260	
250	37	60	8	694	851	215	290	
300	37	60	8	747	1012	240	320	
350	37	60	8	797	1174	260	350	
400	37	60	8	842	1334	280	380	
500	37	60	8	926	1655	320	430	
600	61	70	9	1024	1987	350	475	
750	61	70	9	1126	2464	400	535	
1000	61	70	9	1275	3257	455	615	