

## Scope

Exane® insulated, Neoprene jacketed multiconductor transit cables are a rugged, flame retardant construction. They are suitable for installation indoors or outdoors in metal trays, conduit, underground duct, or for direct burial. The cables have excellent flexibility

and resist crush, low temperature cracking, moisture and petrochemical fluids. The Exane® thermoset insulation system provides a conductor component with superior cut-through, abrasion resistance and electrical overload characteristics.

## Features

- Wide temperature range  $-55^{\circ}\text{C}$  to  $110^{\circ}\text{C}^*$
- Thermoset Insulation
- Superior mechanical properties
- Flexible construction
- Flame retardant
- Excellent fluid/oil resistance
- Moisture and sunlight resistant

## Performance Standards

- AAR S-501
- AAR RP-585
- ICEA S-66-524 (5-95-658)
- Passes UL VW-1 flame test
- Passes IEEE-383 1974 vertical tray flame test
- Meets requirements of 49 CFR Part 238 for flame and smoke requirements
- Meets transit toxicity requirements when tested in accordance with BSS 7239

## Construction

### Conductor:

Annealed, Tinned copper per ASTM B33, B172, AAR S-501, and AAR RP-585

### Insulation:

Crosslinked polyolefin, Exane® (colors – as required)

### Colors:

As required

### Binder:

Polyester tape

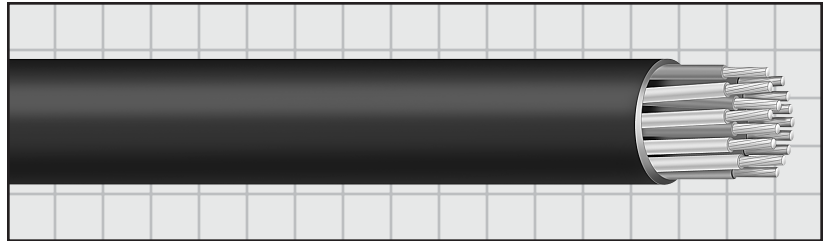
### Jacket:

Arctic grade neoprene. Also available with Low Smoke/Zero Halogen cross-linked polyolefin (LSZH/XLPO) and EXANE® Jackets.

\* Rockbestos-Surprenant rated  $110^{\circ}\text{C}$

# Exane<sup>®</sup>-1062 110°C Transit Cable

600 Volt  
AAR S-501/RP-585



Spec. DAA1062

Product Number	Number of Conductors	Conductor Size (AWG)	Jacket Thickness		Cable Diameter		Approx. Weight	
			(Inch)	(mm)	(Inch)	(mm)	(#/m')	(kg/km)
TXE2C/16	2	16	.060	1.52	.352	8.94	63	94
TXE3C/16	3	16	.060	1.52	.370	9.40	78	116
TXE4C/16	4	16	.060	1.52	.400	10.2	99	147
TXE5C/16	5	16	.060	1.52	.432	11.0	114	170
TXE6C/16	6	16	.060	1.52	.466	11.8	133	198
TXE7C/16	7	16	.060	1.52	.466	11.8	143	213
TXE8C/16	8	16	.060	1.52	.540	13.7	171	254
TXE9C/16	9	16	.060	1.52	.584	14.8	192	286
TXE10C/16	10	16	.060	1.52	.584	14.8	203	302
TXE12C/16	12	16	.060	1.52	.602	15	231	344
TXE15C/16	15	16	.060	1.52	.671	17	283	421
TXE17C/16	17	16	.060	1.52	.698	18	315	469
TXE20C/16	20	16	.060	1.52	.734	19	358	533
TXE2C/14	2	14	.060	1.52	.378	9.60	78	116
TXE3C/14	3	14	.060	1.52	.398	10.1	98	146
TXE4C/14	4	14	.060	1.52	.431	10.9	123	183
TXE5C/14	5	14	.060	1.52	.467	11.9	146	217
TXE6C/14	6	14	.060	1.52	.505	12.8	170	253
TXE7C/14	7	14	.060	1.52	.505	12.8	187	278
TXE8C/14	8	14	.060	1.52	.593	15	224	333
TXE9C/14	9	14	.060	1.52	.636	16	249	370
TXE10C/14	10	14	.060	1.52	.636	16	265	394
TXE12C/14	12	14	.060	1.52	.656	17	304	452
TXE15C/14	15	14	.060	1.52	.726	18	373	555
TXE17C/14	17	14	.060	1.52	.763	19	417	620
TXE20C/14	20	14	.060	1.52	.806	20	478	711
TXE2C/12	2	12	.060	1.52	0.416	10.6	100	149
TXE3C/12	3	12	.060	1.52	0.439	11.1	128	190
TXE4C/12	4	12	.060	1.52	0.477	12.1	162	241
TXE5C/12	5	12	.060	1.52	0.519	13.2	196	292
TXE6C/12	6	12	.060	1.52	0.562	14.2	229	341
TXE7C/12	7	12	.060	1.52	0.562	14.2	254	378
TXE8C/12	8	12	.060	1.52	0.662	17	303	451
TXE9C/12	9	12	.060	1.52	0.712	18	338	503
TXE10C/12	10	12	.060	1.52	0.712	18	362	539
TXE12C/12	12	12	.060	1.52	0.735	19	420	625
TXE15C/12	15	12	.060	1.52	0.815	21	515	766
TXE17C/12	17	12	.080	2.03	0.898	23	611	909
TXE20C/12	20	12	.080	2.03	0.943	24	699	1040
TXE2C/10	2	10	.060	1.52	0.490	12.4	146	217
TXE3C/10	3	10	.060	1.52	0.519	13.2	194	289
TXE4C/10	4	10	.060	1.52	0.566	14.4	249	370
TXE5C/10	5	10	.060	1.52	0.624	16	304	452
TXE6C/10	6	10	.060	1.52	0.673	17	356	530
TXE7C/10	7	10	.060	1.52	0.673	17	398	592
TXE8C/10	8	10	.060	1.52	0.724	18	464	690
TXE9C/10	9	10	.080	2.03	0.900	23	565	841
TXE10C/10	10	10	.080	2.03	0.900	23	600	893
TXE12C/10	12	10	.080	2.03	0.929	24	700	1042
TXE15C/10	15	10	.080	2.03	1.029	26	858	1277
TXE17C/10	17	10	.080	2.03	1.083	27	961	1430
TXE20C/10	20	10	.080	2.03	1.140	29	1109	1650

1. The Exane<sup>®</sup> insulation family has outstanding mechanical and electrical test characteristics. It also has excellent long-term moisture resistance and heat aging characteristics. See the above specification for details.
2. Circuit identification is provided by solid impigmented colored insulation and stripes.