Product Title: 2/C 16 AWG, T.C. BRAID SHIELD, EXANE JACKET, 600 VOLT, 110°C Jacket Jacket	PRODUCT SPECIFICATION DRAWING Proprietary Information not to be reproduced							
CONSTRUCTION: NominAl parket CONSTRUCTION: NominAl parket NominAl parket 1.0 COMPONENT 1: 2 REQUIRED (Inches) (Inc								
I.0 COMPONENT I: 2 REQUIRED (Inches) (Inches) <t< th=""><th></th><th></th><th></th><th></th><th>Shield</th><th></th><th></th></t<>					Shield			
1.0 COMPONENTI: 2 REQUIRED 1.1 Conductor: 16 AWG 19/29 Tinned Copper 0.054 1 1.2 Insulation: Irradiation Cross-Linked Polyolefin, Exane Nominal .030" Thickness 0.116 2 1.3 Color Code: Dk.Gray, White 0.116 2 2.0 CABLE: 2 2 Core: (2) Conductors and fillers twisted with a nominal 3.00" LHL 2.2 Binder: Polyester Tape wrap, 0.236 5 2.3 Fillers: Flame Retardant Polypropylene, as required 2 2.4 Shield: #36 AWG Tinned Copper Braided Shield 85% minimum coverage 0.258 6 3.0 JACKET: Irradiation Cross-Linked Polyolefin, Exane Nominal .045" Thickness 0.353 8 3.0 JACKET: Irradiation Cross-Linked Polyolefin, Exane Nominal .045" Thickness 0.365 9 4.0 MARKING: Jacket is printed in Black ink as follows: "ROCKBESTOS-SURPRENANT TD2604 2C 16 AWG SHLD 600 V 110°C EXANE TX (YEAR OF MFG.)" 5.0 TEST REQUIREMENTS: Singles tested in accordance with R-SCC DAA1068A Dielectric Withstand: 2,500 V RMS (Cond to Cond + Shield Impulse Dielectric Test at 18 KV (Peak) on insulated conduct	CONS	TRUCTION:	<u>.</u>					
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"ROCKBESTOS-SURPRENANT TD2604 2C 16 AWG SHLD 600 V 110°C EXANE TX (YEAR OF MFG.)" 5.0 TEST REQUIREMENTS: Singles tested in accordance with R-SCC DAA1068A Dielectric Withstand: 2,500 V RMS (Cond to Cond + Shield Impulse Dielectric Test at 18 KV (Peak) on insulated conductors Image: Surprese Nant Phone: (800) 444 - 3792 Fax: (978) 365 - 4054 Drawn By: T.S. Bhat Date: Page: 7/13/2004 Page: 7/13/2004 1 or 1000	<u>3.0</u>	JACKET:		Nominal .045" Thicl	kness			
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Dielectric Withstand: 2,500 V RMS (Cond to Cond + Shield Impulse Dielectric Test at 18 KV (Peak) on insulated conductors IIII ROCKBESTOS Phone: (800) 444 - 3792 Drawn By: Date: Page: SURPRENANT Fax: (978) 365 - 4054 T.S. Bhat 7/13/2004 1 or		"ROCKB	ESTOS-S			⊃ 600 V 110°0	C	
SURPRENANT Fax: (978) 365 - 4054 T.S. Bhat 7/13/2004 1 or	Dielectric Withstand: 2,500 V RMS (Cond to Cond + Shield)							
SURPREIVANT							Page: 1 of 2	
	JUKPKEIV/VVI				Reviewed By:	Revision:	DWG Number: TD-002604	

		PRODUCT SPECIFI Proprietary Information				
oduct Tit	ile: 2/C 16		, EXANE JACKET, 600 VOLT, 110°C			
<u>6.0</u>	FLAME:		ment of 49Code of Federal Regulations (CFR), Par th NEMA WC 3/ICEA S-19-81, paragraph 6.19.6.	rt 238		
<u>7.0</u>	<u>0</u> SMOKE: Passes the smoke test requirement of 49Code of Federal Regulations (CFR) Appendix B, in accordance with ASTM E662-97:					
		Flaming D₅ (4.0 Non-Flaming D	$\begin{array}{ll} \text{D minutes}) & \leq 200 \\ \text{O}_{s} \left(4.0 \text{ minutes} \right) & \leq 75 \end{array}$			
<u>8.0</u>	MECHANICAL REQUIREMENTS:					
	8.1 Nominal Weight:		74 lbs/ kft nominal			
	8.2 Bend	Radii: This is based on the or radius of the bend.	utside diameter of the cable, and refers to the insid	le		
		Static (Permanent Tra Dynamic (Pulling):	ining): 2.06 inches Minimum 3.50 inches Minimum			
<u>9.0</u>	TOXICITY: Passes the toxicity requirements when tested in accordance with Boeing Specifi Support Standard, BSS-7239, for both the flaming & Non-flaming modes, as det in the table below:					
		Chemical	Requirement (ppm), Max.			
		Carbon Dioxide	90000			
		Carbon Monoxide	3500			
		Hydrogen Fluoride	200			

Hydrochloric Acid

Sulphur Dioxide

PART NUMBER: 01EXC0057

Nitrous Fumes (NO & NO₂)

	Hydrocyanic Acid		150			
)S T	Phone: (800) 444 - 3792 Fax: (978) 365 - 4054	Drawn By	: T.S. Bhat	Date: 7/13/2004	4 Page:	2 of 2

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Revision:

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DWG Number: TD-002604

