

	RM-SPECIFICATION Material : Fiber Glass Tape Item Code: Purpose : Insulation		DOCUMENT STATUS
			DRAFT
MATERIAL CODE:	I07	SPEC NO.	

Sno	Description	UOM	Specification
1.	Physical State / Color	-	Solid/White
2.	Grade	-	018-3 of IS 5352/1974
3.	Weave/Pattern		Plain, Medium
4.	Threads	Per cm	14.4×13.6
5.	Tensile strength along wrap direction	mm/min	3.05
6.	Width	mm	20±1 or 25±1
7.	Thickness	mm	0.18mm/7mil
8.	Thermal Conductivity	W/m-K	1.2
9.	Melting point	°C	1428
10.	Supplier	-	INTEK Tapes
11.	MSDS no.	-	XXX
12.	CAS no.		XXX
13.	Acceptance Criteria		
a.	Visual Acceptance	-	White
b.	Dimensions	-	Drawing no:
c.	Thermal Conductivity	W/m-K	1.2
14.	Properties to be tested	Test Method	Test Agency
a.	Dimensions	Vernier & others	RES
b.	Thermal Conductivity	COC	NABL, IIT-HYD, CMET

PREPARED BY:		REVIEWED & APPROVED BY:
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RENEWABLE ENERGY SYSTEMS LIMITED
