



**ORCON AEROSPACE**

**Orcotape® OT-205  
Insulation Repair &  
Fabrication Tape**

## **ORCOTAPE OT-205 UNIVERSAL INSULATION TAPE**

### **TAPE SPECIFICATIONS**

**ORCOTAPE® OT-205** is a pressure-sensitive, reinforced polyimide tape used in the fabrication, repair and installation of thermal/acoustic aircraft insulation blankets.

PROPERTIES	TEST METHOD	SPECIFICATION
<b>COLOR</b>		Amber, Gloss Finish
<b>WEIGHT</b>	Fed Std 191, Method 5041	5.0 oz/sq yd, max 170 g/sq m, max
<b>PEEL STRENGTH</b>	ASTM D3330, Method A	2.0 lbs/inch, min
<b>FLAMMABILITY, TAPE ONLY</b>	FAR Part 25 App. F Part I	Pass
<b>FLAMMABILITY, TAPE/FILM COMPOSITE</b>	FAR Part 25 App. F Part I	Pass
<b>FLAMMABILITY, RADIANT PANEL TEST<sup>(1)</sup></b>	FAR Part 25 App. F Part VI	Pass
<b>SPECIFICATIONS</b>	FAR 25.853, FAR 25.856 (a)	
<b>PACKAGING</b>	Standard roll length Standard width	60 yards (55 meters) 2 and 3 inches (5.1 and 7.6 cm) Custom widths available on request

<sup>(1)</sup> Passes in specific constructions with Orcon Films. Please contact Customer Service to verify approved constructions.

**Please see Chart on back page for Approved Film/Tape Combinations.**

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**APPROVED UNIVERSAL RADIANT PANEL TEST (RPT): OT-205 Constructions\***

FILM TYPE	FILM	SPECIFICATION	Class	Type	FTP SPECIMEN #	AVG. AFTER FLAME TIME (3 Samples)	AVG. FLAME PROP. LENGTH (3 Samples)	RESULT
TEDLAR	ORCOFILM AN-54W	BMS8-377	1	1&2	FTP8301-54	0 SEC.	1 IN.	PASS
		DMS 2450	-	2				
	ORCOFILM AN-57W	BMS8 -377	00	1	FTP8301-59	0 SEC.	1 IN.	PASS
	ORCOFILM AN-58A	-	-	-	FTP8307-22	0 SEC.	1 IN.	PASS
	INSULFAB 332	BMS8-377	1	1&2	FTP8301-57	0 SEC.	1 IN.	PASS
	INSULFAB 330	DMS 2450	-	2	FTP8301-60	0 SEC.	1 IN.	PASS
	TERUL 18	ABS5429A004A	-	-	FTP8307-21	1 SEC.	1 IN.	PASS
	TERUL 18H	BMS8-377	0	1&2	FTP8301-58	0 SEC.	1 IN.	PASS
LAMAGUARD 400A	BMS8-377	1	1&2	FTP8301-56	0 SEC.	1 IN.	PASS	
KAPTON	ORCOFILM KN-201	DMS 2450	-	3	FTP8301-20	0 SEC.	1 IN.	PASS
	ORCOFILM KN-202	OMS 2001	2	1	FTP8301-21	0.5 SEC.	1 IN.	PASS
	ORCOFILM KN-202D	DMS 2450	-	3	FTP8301-64	0.5 SEC.	1 IN.	PASS
	LAMAGUARD 10313	DMS 2450	-	3	FTP8301-25	0 SEC.	1 IN.	PASS
	LAMAGUARD 1000	OMS 2001	2	2	FTP8301-24	0 SEC.	1 IN.	PASS
	INSULFAB 2000A	DMS 2450	-	3	FTP8301-43	0.5 SEC.	1 IN.	PASS
APK	LAMAGUARD 30	BMS8-380	2	2	FTP8301-55	1 SEC.	0.75 IN.	PASS

\*Note: All samples were tested and FAA approved in accordance with 14 CFR Part 25.856(a).