



ORCON AEROSPACE

Aerospace Division

Orcofilm® AN-58A Insulation Covering Film

ORCOFILM® AN-58A is a lightweight, heat-sealable polyvinyl fluoride film reinforced on one side with nylon yarns. **ORCOFILM® AN-58A** is used in fabrication of thermal/acoustic aircraft insulation bags/ blankets.

FILM SPECIFICATIONS

PROPERTIES	TEST METHOD		SPECIFICATION
COLOR			Translucent Gray
WEIGHT	DAN 451, Sec. 4.3.3.7		1.04 oz/sq yd, max 35 g/sq m, max
TEAR STRENGTH	Fed Std 191, Method 5950 Warp and Fill		17.8 N, min
HEAT SEAL STRENGTH, PEEL	AIMS 04-18-000 § 4.2.2.8.4 Warp and Fill		10 N/25 mm, min
HEAT SEAL STRENGTH, SHEER	AIMS 04-18-000 § 4.2.2.8.5 Warp and Fill		35 N/25 mm, min
FLAMMABILITY, FILM ONLY	AITM 2.0002B; FAR Part 25 App. F Part I: Vertical Burn test (12 secs)		Pass
FLAMMABILITY, COMPOSITE	AITM 2.0002B		Pass
FLAMMABILITY, RADIANT PANEL TEST	AITM 2.0053 (Issue 1/Draft1); FAR Part 25 App. F Part VI		Pass
SPECIFICATIONS	FAR 25.853, FAR 25.855, FAR 25.856 (a)		
PACKAGING	Standard roll lengths	350 yards (320 m) and 50 yards (45.7 m)	
	Standard width	52" ± 1" (1320 mm ± 25 mm)	

FABRICATION AND REPAIR METHODS

METHOD	RECOMMENDATIONS
HEAT SEALING	Can be heat sealed yarn-side to yarn-side by impulse, ultrasonic and hand iron methods. Heat setting: 325°F - 375°F (160°C - 190°C)
TAPING	Orcotape® OT-57CW is recommended for sealing, local reinforcement and repairs.

Note: To the best of our knowledge, information in the document is accurate. However, ORCON Corporation does not assume liability for the accuracy or completeness of the information provided. ORCOFILM is a registered trademark of ORCON Corporation. This revision replaces all previous revisions. Revised 06/2007.