

### **Premium Laminat Ultraclear**

# **FISA TEHNICA**

#### **Product Description:**

High-quality, high-clarity polyesterfilm for cold lamination and protection of printed media for indoor and short term outdoor application. The product shows a good adhesion on various substrates like plastics, wood, glas or metal. The foil is easy to clean.

Product Structure:		
Support	PET-film, 36 μm, transparent	
Interliner	PET film, 30μm, transparent	
Adhesive	pure polyacrylic , permanent, transparent	
Total Thickness	0,07 mm	
Adhesive weight	30 g/m²	

Characteristics:				
		Average Value	Test Method	
Adhesion on steel:	(after 24 h)	10 N / 25mm	AFERA 5001	
Dimensional Stability:	MD	< 0 %	FTM 14	
Dimensional Stability:	CD	< 0 %	FTM 14	
Flammability:	On aluminium	non self-extinguishing	DIN 75200	



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Environmental Performance:				
Chemical resistance:				
Conditions	Appearance			
24h at room temperature and 4h in propanol	no change			
24h at room temperature and 48h in water	no change			
Temperature resistance:				
Conditions	Appearance			
24h at room temperature and then 24h at 80°C	no change			
24h at room temperature and then 24h at 140°C	no change			
Humidity resistance:				
Conditions	Appearance			
24h at room temperature and then 24h at 38°C and 98% humidity	no change			

Application temperature:	min. 10°C
End-Use Temperature range:	from -40°C to 100°C
Shelf life:	2 years (see application information)
Durability:	1 year

The estimated durability is based on accelerated ageing tests and refers to a vertical exposure under middle European climates. The durability of the product depends on the substrate's preparation, the atmospheric conditions and the environmental influence. Exposure to extreme conditions (tropical climate, high humidity, high UV-light exposure or polluted areas) can decrease the durability in a dramatically way.