

Technical data*

Optical Performance	
Specular Reflectance	
Hemispherical Reflectance	
Specification	
Working Temperatures	
without adhesive	Long term -269 °C to +350 °C, short term up to +400 °C
with standard adhesive	Long term -40 °C to +121 °C, short term up to +177 °C
with hi-temp adhesive	Long term -40 °C to +180 °C, short term +300 °C
Coating Chemical Content	completely inorganic
Humidity Resistance	MIL-C- 48497A
Abrasion Resistance	very light, should not be rubbed or scratched
Coating Thickness	5 µm - 7 µm
Foil Substrate	
material	Aluminum foil
width	up to 300 mm
thickness	110 µm
Optional Adhesive Layer	
thickness	as per requirement - typically 25-60 µm
storage and shelf life	- storage conditions – room temp (approx 21°C); 50% RH - standard shelf life – 6 months from shipment by Acktar - extended shelf life – available - inquire
Delivery Form	standard-sheets, coils available on request

* The data should be considered typical/representative only

Limited Warranty: For a period of 6 months from the date of first sale, Acktar warrants this product(s) to be free from defects in manufacturing. Our obligation will be to provide replacement product for any portion proving defective, or at our option, to refund the purchase price thereof. User assumes all other risks, if any, including the risk of injury, loss or damage, whether direct or consequential, arising out of the use, misuse or inability to use this product(s). ACKTAR disclaims any and all other warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose.