

Technical Specification of

Space grade Ultra high temperature Adhesive Transfer Tape:

SI. No	Description	Value
1.	Length	~60 yards / Roll (~180 feet/Roll)
2.	Width	~12 inch (1 foot)
3.	Quantity	4 Rolls
4.	Operating temperatures	- 40°C to +175°C (Continuous)
		≤ + 280°C (Short term in minutes, hour)
5.	Adhesive thickness	50 ± 2.5 microns
6.	180° Peel Adhesion to Aluminium foil (At all operating temperatures)	≥ 2.60 N/cm
7.	Thermal Conductivity	≤ 0.16 W/m-K
8.	Out gassing	
	a) Total Mass Loss b) Collected Volatile Condensable Material	≤1.0% ≤ 0.1%
9.	Resistance	Flame, radiation and solvents

Terms and conditions:

1. Supplier shall provide a detailed technical specification of the offered item and supporting technical catalogue or data sheet, along with the quotation without which the offer will be rejected.
2. Space heritage from original manufacturer of the material should be provided along with the quotation.
3. If the quotation is from an agent, certificate of authorization from the original manufacturer should be provided having clearly identified agent and scope of authorization along with the quotation without which the offer will be rejected.
4. The material should have a minimum shelf life of 24 months from the date of manufacture.
5. Material should be shipped within 1 month from the date of manufacture.
6. Certificate of conformance and warranty details from the manufacturer shall be provided along with the supplied material.
7. The material (4 rolls) should be supplied from a single batch / lot.
8. The total quantity should be supplied in a single shipment only and it should be delivered to URSC within 150 days from the date of acknowledgement of P.O
9. The material should be shipped in moisture-controlled containers.
10. The prices should be quoted in Indian rupees (INR) only.