Technical Specifications

Department	Measurement Transmission	Section	Gas Quality Measurement
Description	Teflon Tape		
Spec #	Meas. KT / Hardware Material / 04-2026		

Teflon Tape (3/4" × 10 m long)

1. **General Requirements:**

1.1. The supplier shall offer high-quality PTFE (Polytetrafluoroethylene) thread seal tape suitable for sealing threaded pipe connections in industrial and commercial applications.

2. **Technical Requirements:**

2.1. Dimensions:
- 2.1.1. Width: ¾ inches (19 mm approx.)
- 2.1.2. Length: 10 meters
- 2.1.3. Thickness: 0.075 mm ± 0.015 mm

2.2. Physical Characteristics:
- 2.2.1. Color: White
- 2.2.2. Elongation ≥ 25%
- 2.2.3. Melting Point: ≥ 330°C

2.3. Material Requirements:
- 2.3.1. The tape shall be manufactured from 100% PTFE resin.
- 2.3.2. Tensile Strength: ≥ 8 N/mm²
- 2.3.3. High pressure resistance: 150 - 200 kg/cm²

2.4. Performance/Operating Requirements:
- 2.4.1. The tape shall be suitable for use as a thread sealing medium for pipe joints.
- 2.4.2. The tape shall be compatible with all chemicals, acids, alkalis, solvents and gases (including oxygen).
- 2.4.3. Operating Temperature Range: -190°C to +230°C.

3. **Compliance and Documentation:**

3.1. The supplied product shall conform to applicable international standards such as EN/ISO or their equivalent.

3.2. The supplier shall provide a technical datasheet clearly demonstrating compliance with all specified requirements.

3.3. The supplier shall submit a sample of offered product for evaluation to confirm compliance with the specified technical requirement.

4. **Delivery Period:**

4.1. The supplier is required to supply material within 21 days from the issuance of PO.

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Technical Specifications

Department	Measurement Transmission	Section	Gas Quality Measurement
Description	Teflon Tape		
Spec #	Meas. KT / Hardware Material / 04-2026		

Teflon Tape (1/2" × 8 m long)

1. **General Requirements:**

1.1. The supplier shall offer high-quality PTFE (Polytetrafluoroethylene) thread seal tape suitable for sealing threaded pipe connections in industrial and commercial applications.

2. **Technical Requirements:**

2.1. Dimensions:
- 2.1.1. Width: ½ inches (12.7 mm approx.)
- 2.1.2. Length: 8 meters
- 2.1.3. Thickness: 0.075 mm ± 0.015 mm

2.2. Physical Characteristics:
- 2.2.1. Color: White
- 2.2.2. Elongation: ≥ 25%
- 2.2.3. 2.2.3 Melting Point: ≥ 330°C

2.3. Material Requirements:
- 2.3.1. The tape shall be manufactured from 100% PTFE resin.
- 2.3.2. Tensile Strength: ≥ 8 N/mm²
- 2.3.3. High pressure resistance: 150 - 200 kg/cm²

2.4. Performance/Operating Requirements:
- 2.4.1. The tape shall be suitable for use as a thread sealing medium for pipe joints.
- 2.4.2. The tape shall be compatible with all chemicals, acids, alkalis, solvents and gases (including oxygen).
- 2.4.3. Operating Temperature Range: -190°C to +230°C

3. **Compliance and Documentation:**

3.1. The supplied product shall conform to applicable international standards such as EN/ISO or their equivalent.

3.2. The supplier shall provide a technical datasheet clearly demonstrating compliance with all specified requirements.

3.3. The supplier shall submit a sample of offered product for evaluation to confirm compliance with the specified technical requirement.

4. **Delivery Period:**

4.1. The supplier is required to supply material within 21 days from the issuance of PO.

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		Waseer Ahmed Kandhro Engineer KT