

# Technical Data Sheet

## Denso PVC SA Tape

<b>Description:</b>	Shuk-Denso PVC SA Tape is a plasticised polyvinyl chloride tape, coated on one side with a pressure sensitive adhesive.
<b>Composition:</b>	Plasticised Poly Vinyl Chloride incorporating natural and synthetic rubber-based adhesives and fungal inhibitor.
<b>Characteristics:</b>	<ul style="list-style-type: none"><li>• Highly impermeable to water moisture and air</li><li>• Stable in composition and plasticity</li><li>• Non-hardening and non-cracking</li><li>• Accommodates vibration and movement of substrate</li><li>• Resistant to mineral acids, alkalis and salts</li><li>• Exhibits limited resistance to ultraviolet radiation (black only)</li><li>• Available in black or yellow</li></ul>
<b>Uses:</b>	For mechanical protection of Shuk-Denso Petrolatum 4-Step System in high service temperature environments. A component of the Shuk-Denso Petrolatum 4-Step System, protecting pipelines, joints and fittings.
<b>Surface Preparation &amp; Application:</b>	<p>Prepare substrate to be protected as per the Shuk-Denso Petrolatum Tape System.</p> <p>Clean metal surfaces with wire brush.</p> <p>Firmly adherent rust and scale need not be removed.</p> <p>Apply a thin film of Shuk-Denso MP Primer, where needed use Shuk-Denso Mastic to prepare profiles then apply tape.</p> <p>Wrap Shuk-Denso Petrolatum Tape without overstretching. Apply heavily coated side of the tape to the metal surface.</p> <p>Smooth down and mould by hand especially all overlapped edges.</p> <p>A 55 % overlap of tape should be applied to provide a double layer of tape.</p> <p>Finally apply Shuk-Denso PVC SA Tape ensuring a 55% overlap is maintained.</p>
<b>Recommended Temperatures:</b>	<p>Application: 0 to+ 60 °C</p> <p>Service: - 20 to + 60 °C</p> <p>Peak: 75 °C</p>
<b>Storage:</b>	In cool, dry, ambient conditions, in original cartons away from heat and direct sunlight.

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**Dimensions:**

DENSO0050	50mm x 30m Roll (36/Carton) - Black
DENSO0050Y	50mm x 30m Roll (36/Carton) - Yellow
DENSO0100	100mm x 30m Roll (18/Carton) - Black
DENSO0100Y	100mm x 30m Roll (18/Carton) - Yellow
DENSO0150	150mm x 30m Roll (12/Carton) - Black
DENSO0150Y	150mm x 30m Roll (12/Carton) - Yellow

**Physical Properties:**

Test	Test Methods	Units	Value
Thickness	ASTM D751	mm	0.19 ± 0.02
Weight	ASTM D751	g/m <sup>2</sup>	245 ± 25
Density	ASTM D1475	kg/L	1.03
Breaking Strength	ASTM D1000	N/mm	3.0 ± 0.6
Elongation at Break	ASTM D1000	%	180 ± 40
Breakdown Voltage - double layer	ASTM D149	kV	≥ 16
Adhesion Strength	ASTM D1000	g/mm	18
- to steel			14
- to self			