



## Eco Wrap®

GreenStuf® ECO WRAP® is a 100% polyester thermal insulation wrap designed for insulating electric hot water cylinders. GreenStuf® ECO WRAP® is supplied ready to fit and has a thermal performance rating of R1.2.

### Applications

GreenStuf® ECO WRAP® is designed to be retro-fitted to older domestic hot water cylinders. If heat can be felt on the outside of an electric hot water cylinder it is losing energy and benefit can be gained from installing an ECO WRAP®.

GreenStuf® ECO WRAP® can also be used as a thermal pipe wrap for insulating hot water pipes. Pipes wrapped in ECO WRAP will hold heat longer and reduce heat loss.

GreenStuf® ECO WRAP® should be installed in accordance with the manufacturer's instructions (included in each pack) and NZS 4246 Energy Efficiency – Installing Insulation in Residential Buildings.

### Pack Contents

GreenStuf® ECO WRAP® comes complete and ready for simple installation. Each pack contains one ECO WRAP® hot water cylinder wrap (3 metres x 1200mm wide + 150mm foil overlap), one roll of foil tape and Installation Instructions for fitting to electric cylinders and hot water pipes.

### Technical

**NZBC Compliance:** GreenStuf® thermal insulation when installed in accordance with the manufacturer's instructions will satisfy the 50 year durability clause NZBC B2.3.1 (a). GreenStuf® meets the relevant clauses of NZBC E3 Internal Moisture, F2 Hazardous Building Materials.

**Thermal Performance:** GreenStuf® ECO WRAP® insulation has been laboratory tested to ASTM C518-04 for thermal performance as follows:

Material Thermal Resistance: 1.2 m<sup>2</sup> K/W @ 15°C

Product R-Value: R1.2 @ 50mm

All products are guaranteed by Autex to meet stated thermal performance values.

**Durability:** GreenStuf® has a 50 Year Durability Warranty.

**Moisture:** GreenStuf® is not affected by moisture. Exposure to an atmosphere of 50°C at 90% relative humidity for four days showed moisture absorption by weight of less than 0.03%.



**Hazardous Building Materials:** GreenStuf® is non-hazardous.

**VOC Emission Safe:**

VOC concentration: 0.01 mg/m<sup>3</sup> (7 days).

GECA/GreenGuard Limit: 0.25 mg/m<sup>3</sup> (7 days).

*Cetec Pty Ltd (Report:RCV080408)*

**Non-Corrosive:** GreenStuf® polyester is pH7.8 (pH7 is neutral).

**Non-Toxic, Non-Allergenic, Non-Irritant:** There are no known hazards with the use or handling of GreenStuf® polyester.

**Non-Flammable:** GreenStuf® is classified non-flammable.

**AS1530.3**

Ignitability Index (0-20) 0

Heat Evolved Index (0-10) 0

Spread of Flame Index (0-10) 0

Smoke Developed Index (0-10) 3

*APL Report 98055*

**Installation:** Autex Insulation recommends that all insulation be installed in accordance with the manufacturer's instructions (included in each GreenStuf® pack) and NZS 4246 Energy Efficiency - Installing Insulation in Residential Buildings.

**MSDS:** Material Safety Data Sheets (MSDS) are available on request from your Autex Representative or by phoning Autex Customer Services freephone 0800 428 839

PRODUCT (R Value)	NOMINAL THICKNESS (mm)	PACK SIZE	m <sup>2</sup> /PACK
R1.2 Eco Wrap	50mm	1200mm wide x 3.0m long	3.6m <sup>2</sup>

**ISO Standards:** Autex is committed to Quality and Environmental best practice through our ISO 9001 & ISO 14001 certified Quality and Environmental Management Systems.

**Environmental:** All GreenStuf® insulation products are manufactured using the same materials and under the same conditions, processes and controls as the Environmental Choice New Zealand certified range as published at the date of this document. All GreenStuf® products are manufactured from 100% polyester fibre and contain a minimum of 45% already recycled fibre (from PET plastic) and are manufactured under Autex's zero waste policy.

GreenStuf® products are Green Star NZ & Homestar compatible, and GreenStuf® products have been independently assessed and verified compliant with Living Building Challenge projects. For more information please contact your Autex Account Manager or visit our website

GreenStuf® is manufactured in New Zealand by Autex Insulation, a division of Autex Industries Limited. Autex retains the right to change products and specifications without prior notice. If a specification is critical to end use situation please discuss your requirements with your Autex Representative.

GreenStuf® is a registered trademark of Autex Industries.

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**AUTEX**



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ISO 9001 AND ISO 14001 CERTIFIED