

R&D TAX RELIEF — PRINTING & PACKAGING

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The financial benefits of R&D tax credits to companies operating within the Printing & Packaging sector are usually considerable, where the average annual R&D Tax Credit claim can be in excess of an average of £50,000.
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From sustainable packaging through to three-dimensional printing, R&D in the printing & packaging sector is perhaps seeing the biggest development in innovation since the industrial revolution. These projects are not just everyday activities, they are activities which probably qualify for significant R&D tax relief.



EXAMPLES OF QUALIFYING R&D IN PRINTING & PACKAGING:

- ✓ Developing new materials to meet environmental requirements
- ✓ Developing ways of using natural plant life as a source of packaging
- ✓ Improving the efficiency of product packaging
- ✓ Reducing the amount of waste for raw materials during production
- ✓ Enhancing the speed of packaging operations
- ✓ Improving existing packaging processes to increase automation and streamline operations
- ✓ Improving processes to reduce pollution and greenhouse gas emissions
- ✓ Developing new package designs that extend the shelf life of a product
- ✓ Developing new package designs that incorporate greater recycled and recyclable materials
- ✓ Refining quality assurance procedures
- ✓ Improve design, prototype, test new packaging using 3D CAD modelling, 3D printing, and prototyping
- ✓ Development of innovative closure mechanisms such as re-sealable or magnetic; Sterile & Tamper Proof Packaging
- ✓ Research into heat and cold tolerances of materials and how they perform when frozen or heated
- ✓ Trialling and testing new printing methods and techniques
- ✓ Trialling the reaction and performance of various inks and their chemical reaction when used on different materials
- ✓ Development of inks that are cheaper / environmentally friendlier / more efficient
- ✓ Experimenting with different substrates, inks and primers
- ✓ Attempting to improve the detail of print, quality of finish or speed of printing through trial-and-error modifications

CASE STUDY 1

- ✓ **Nature of R&D:** Manufacturing strip and seal packaging that was environmentally friendly for the mass ecommerce market.
- ✓ **Overview:** To meet the demand for packaging in various sizes from the growing ecommerce sector, this specialist packaging company developed a complete range of "peel and seal" packaging that consistently met and exceeded the durability and reliability of conventional packaging as well as being highly environmentally friendly.
- ✓ **Tax relief generated: £48,000**

CASE STUDY 2

- ✓ **Nature of R&D:** Commercial Printing Company
- ✓ **Overview:** A commercial printing company that developed new printing methods to become GREENGUARD compliant for public environmental projects & displays, and ISO 9001 compliant for recycling.
- ✓ **Tax relief generated: £58,273**

CASE STUDY 3

- ✓ **Nature of R&D:** Greeting card manufacturer developed biodegradable glitter that replaced traditional used glitter products that was proving to be environmentally harmful.
- ✓ **Overview:** : The manufacture was conscious that glitter particles were finding their way into the waterways of the UK, it decided to develop a new range of greeting cards that were both recyclable and biodegradable. This challenge led to intensive trials of biodegradable materials that could be printed on to emulate the glitter features.
- ✓ **Tax relief generated: £38,000**