TEXRAY.

Balancing environment and customer needs in development of radiation protection products

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WE REVOLUTIONIZE THE PPE MARKET WITH SMART TEXTILES FOR RADIATION SAFETY.

PRODUCT PORTFOLIO

HeadPeaceTM

Comfortable PPE and reduces radiation doses in the upper section of the head

MindPeaceTM

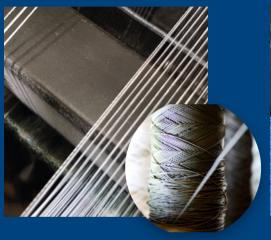
Unique designed PPE and reduces radiation doses in lower and middle section of the head.

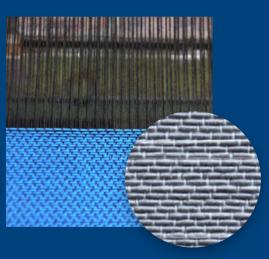
The radiation dose is reduced by an extended **74%** with HeadPeace and MindPeace, compared to standard thyroid collar.



TEXRAY VALUE CHAIN









Compounding of raw materials



Extrusion to filament yarns



Weaving to patented fabric



Assembling final products

CUSTOMER NEEDS



COMFORTABLE
Lightweight
Breathable



SAFE
Non-toxic
X-ray protective



FUNCTIONALPliable and has no negative effect on medical outcome

TECHNOLOGY PLATFORM

Texray constitutes of a woven *breathable* textile with attenuating capacity.

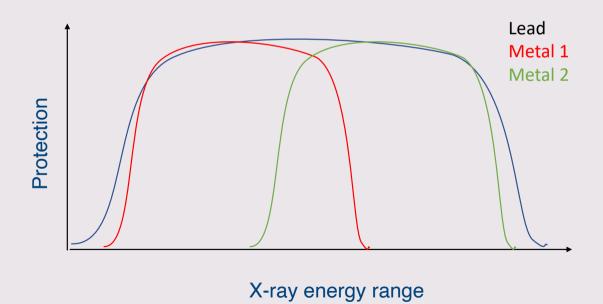
- Multi-element lead-free composite in polyolefin matrix
- Filaments woven into breathable fabric
- Fabric can be sewed to design

Market today provides

- Lead and no-Lead solutions in PVC or natural rubber
- Casted to non-breathable sheets
- Products designed for flat surfaces



LEAD vs. NO-LEAD





RECYCLING

Primary approach in development was to recycle old X-ray protection products.

High quality and efficient products could be made.

Challenges

- Huge diversity in radiation protection composition on the market.
- Quality assurance difficult with many variables and risks.
- Legal demands on product safety.

Opportunities

- Recycling of waste material for metal separation to other applications
- Return of material to Texray production (approx. 10%)





KEY TAKEAWAYS

Customer needs always comes first.

- Most customers will chose environmental only if products are equal
- No sales no environmental benefit

Set the environmental vision & goals early and adapt along the way

- Late changes may be costly
- Risk to forget the customer in the development process



SAY HI!

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