

Perflexion™ Flood

The world`s most innovative flood source.

- Perflexion flood source collapses to fit in a 15,24cm x 15,24cm x 55,88cm tube (typical)
- A typical flood and shield together weigh less than 9,2 kg
- Unique tungsten composite WolfGuard™ shield offers best protection available



Perflexion™ Performance



Our patent-pending WolfGuard tungsten composite shield weighs only 7,82 kg, yet provides greater protection

High Uniformity, Low Impurities, Excellent Durability

The Perflexion source uses proprietary cobalt chemistry in the manufacturing process for superior source uniformity, low Co-56 and Co-58 impurities and no measurable Co-60. Made of an ultra-rugged urethane polymer, Perflexion passed extensive testing, including 1 Mrad irradiation and 1500 roll/unroll cycles with no cracking, damage, or wear.

Specifications

| | |
|-------------------------|----------|
| Source Uniformity | <1%* |
| Source Impurities | <0,1%** |
| Shielding Effectiveness | >99% |
| Source Weight | 1,38 kg |
| Shield Weight | 7,82 kg |
| Shipping Weight | 13,34 kg |

* Coefficient of variation with 1 cm² unit cells

** Co-56 and Co-58 combined; no measurable Co-60 impurities

WolfGuard™ Tungsten Shield Offers Greatest Protection

Our exclusive tungsten composite shield offers the highest level of shielding on the market. This 7,82 kg case stops >99% of radiation, resulting in a typical 0,7 mR/hr surface measurement from a 370 MBq source. This is 5-10X lower than a typical lead hard case.

Perflexion™ Convenience



The Perflexion flood source is the only flexible source.



For storage and transport, the Perflexion source rolls and stores in the WolfGuard shield.



Packed in its case, Perflexion is only 25,4cm x 25,4cm x 60,69cm and 13,34 kg.

Most Innovative Flood Source in the World

With a source weight of less than 1,38 kg and a shield weight of less than 7,82 kg (typical), the patent-pending Perflexion source breaks all the rules for flood sources. Typical shipping weight is less than 13,34 kg.

Enhanced Convenience

Perflexion's unique carbon-fiber backing matrix means you can calibrate dual-head cameras easily. Also, its superior shielding and compact size allows you to store Perflexion in your camera lab.

Easy Shipping

Perflexion saves you on shipping. Not only is it small and light, the shielding is so good that most Perflexion sources can be shipped as "excepted packaging" at about half the cost of any other flood source. Simply put a label on the hard case and ship it back for recycling.