

ACTREEN® HI-LITE

WHEN DESIGN MEETS ECO-INNOVATION

The latest study of customer preferences conducted by PPMI found that **one in five** households places environmentally-friendly packaging among their **TOP PURCHASING CRITERIA**.¹

B. Braun is committed to optimizing its environmental impact during product design and manufacturing.



A MINIMALISTIC DESIGN PRODUCT FOR MAXIMUM ECO-FRIENDLY USE.²

Actreen® Hi-Lite

...is the lightest product compared to main European competitors.

... designed with a minimized number of parts: Product and primary packaging are made of 3 parts. Actreen® Hi-Lite has fewer parts than its main European competitors.

... features a multifunctional packaging: The film packaging protects the catheter before use, keeps your hands clean during application and the urine is collected in a bag.



B. Braun: **9.7 g**
Competitor 1: 17 g
Competitor 2: 19.2 g
Competitor 3: 26.2 g
Competitor 4: 29.7 g



B. Braun: **3 parts**
Competitor 1: 5 parts
Competitor 2: 3 parts
Competitor 3: 5 parts
Competitor 4: 5 parts



B. Braun: **1 multifunctional packaging**
All four competitors: **0 multifunctional packaging**



B. Braun: **15.9 g**
Competitor 1: 27.5 g
Competitor 2: 49.4 g
Competitor 3: 38.8 g



B. Braun: **4 parts**
Competitor 1: 4 parts
Competitor 2: 6 parts
Competitor 3: 3 parts



B. Braun / Competitor 3: **1 multifunctional packaging**
Competitor 1 / Competitor 2: **0 multifunctional packaging**

A lower environmental impact is associated with lightweight components, DESIGN SIMPLICITY and the correct choice of materials.

LESS WASTE ...

... THAN COMPETITORS

20 patients

use **5** catheters per day
=
36,500
per year

Actreen® Hi-Lite Cath:
9.7 g
x 36,500 catheters
=
358 kg

VS

avg. competitor
23 g
x 36,500 catheters
=
840 kg

Save **482 kg** of waste with Actreen® Hi-Lite Cath and reduce disposal costs for your facility.

ACTREEN® HI-LITE

WHEN DESIGN MEETS ECO-INNOVATION



Actreen® Hi-Lite has the lowest environmental impact compared to its main European competitors because of its lightness and simple design.

Competitors have a higher impact on the environment due to their aluminum packaging.
(Aluminum accounts for 99 percent of environmental pollution of the packaging.)

Choose Actreen® and save plastic waste –
for your patients, your facility and the environment.

"Lets ACT⁺ for tomorrow!"

Find out more on:

www.bbraun.com/green-actreen-for-your-patients



1: Latest research of customer preferences conducted by PPMI - <https://pmmi.docsend.com/view/b7p5d6m>

2: F. Bouton EVEA, 16 May 2017. Environmental comparison between Actreen® Hi-Lite range and main competitors products. External Report. Data on file.

3: compared to the average of the three main European competitors

4: Average bathroom waste per year per person in Europe is about 10 kg (Eco-emballages & EUROSTAT)

5: Mean weight of waste generated by the three main catheters CH16 of three main European competitors up to 5 catheterizations per day over 365 days.

This analysis was done using SimaPro, a Life Cycle Assessment tool. It considers material extraction and manufacturing of components and primary packaging. Secondary packaging and transportation stages are not included.

We do not recommend communicating the results of the comparative Life Cycle Assessment externally, because competitors might challenge the results and hypotheses.

Materials and manufacturing hypotheses from the three main European competitor products are confidential and are not as precise as those of ACTREEN® Hi-Lite^{cat}.

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