



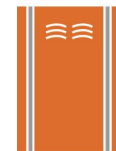
**SCRANTON  
PRODUCTS.**  
DESIGNED TO BE WORRY-FREE



Duralife Lockers shown in Royal Blue

## HDPE vs. Metal

Understanding differences  
between HDPE & traditional  
metal lockers

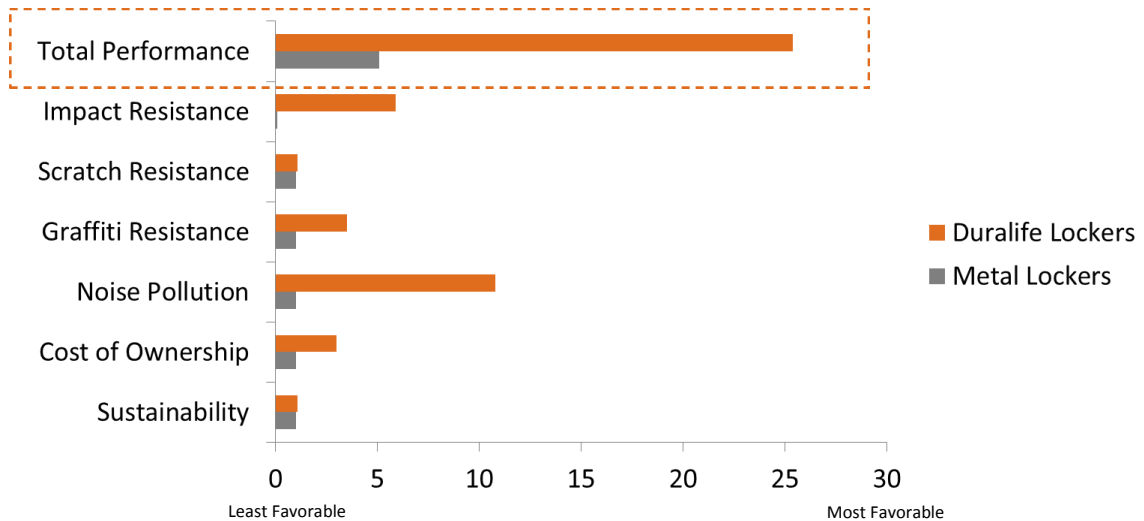


**DURALIFE  
LOCKERS.**

The traditional material choice for hallway corridors is metal lockers, more specifically 16 gauge powder coated steel. Some of the common issues with this material choice are rusting, paint chipping, and graffiti removal. Scranton Products® developed Duralife Lockers™ to provide the industry with a better solution with superior aesthetics, improved durability, less maintenance and improved air and noise quality.

Duralife High Density Polyethylene (HDPE) lockers are specially designed to meet the demands of the school environment. Formulated from a homogeneous color-throughout synthetic compound, Duralife Lockers™ are the most durable and aesthetically pleasing locker solution in the industry.

## MATERIAL COMPARISON

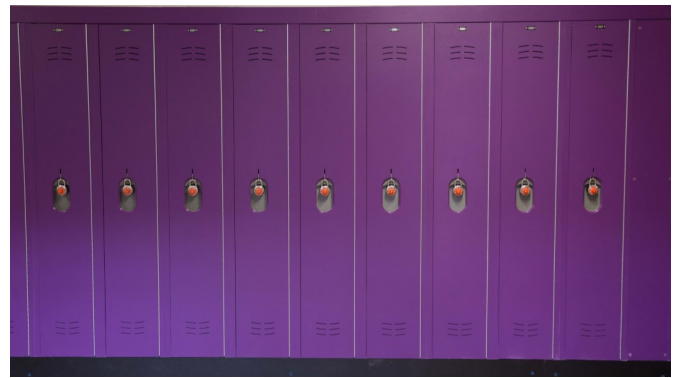


Comparing the numerous laboratory test throughout this document Duralife HDPE Lockers outperformed traditional metal lockers in all categories.

## SUPERIOR AESTHETICS



Traditional Metal Lockers



Duralife HDPE Lockers

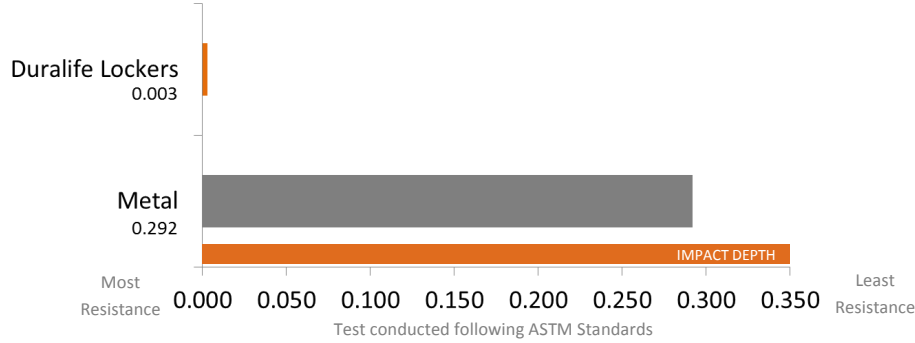
**ISSUE:** Traditional metal locker venting and handles protrude out from the locker surface. These protruding objects may increase the incidents of bumps and scrapes and become a safety concern for students and school personnel.

**SOLUTION:** Duralife Lockers™ venting is flush with the locker surface providing a clean look. Locker handles and padlock or built-in combination locks are recessed preventing unnecessary bumps and scrapes and improving student safety.

## IMPACT RESISTANCE

**ISSUE:** Traditional metal lockers are typically made from 16 gauge steel. That is less than 1/16" thick material, making them prone to denting and damage.

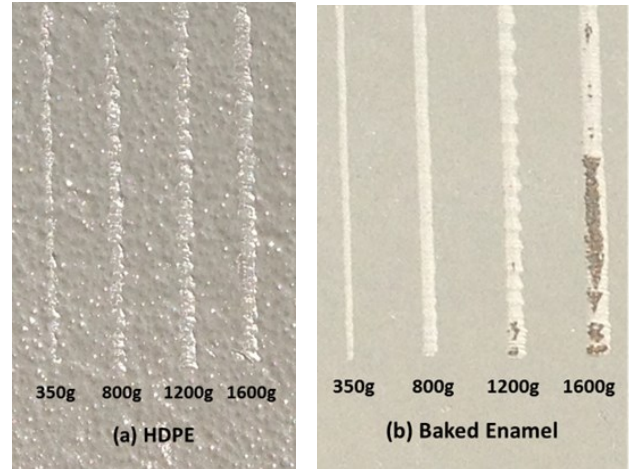
**SOLUTION:** Duralife Lockers™ are made of 1/2" thick rigid HDPE plastic making them 59 times greater in resistance to impacts when compared to traditional metal hallway lockers.



## SCRATCH RESISTANCE

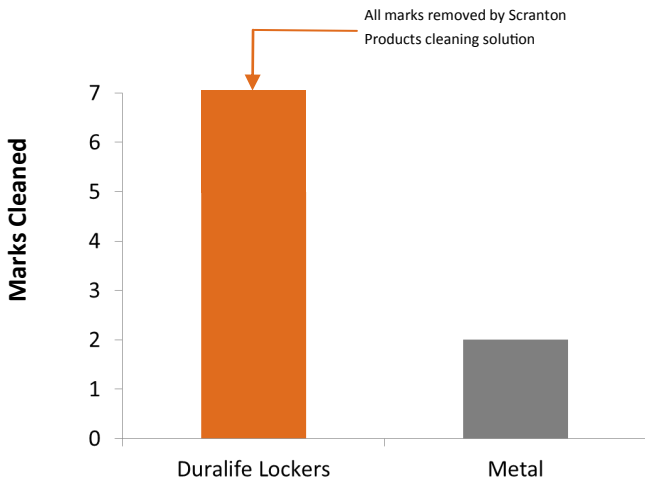
**ISSUE:** Scratches are a known problem for school lockers. Very light scratches are visibly seen on traditional metal lockers and deeper scratches expose the bare metal underneath leaving repainting or complete replacement as the only option to repair.

**SOLUTION:** Duralife Lockers™ are comprised of a color throughout formula making scratches more difficult to be seen at any depth. Scratches will never require painting.



A Taber Linear Abraser (model #5750) was used to measure scratch resistance of HDPE & baked enamel.

## GRAFFITI RESISTANCE



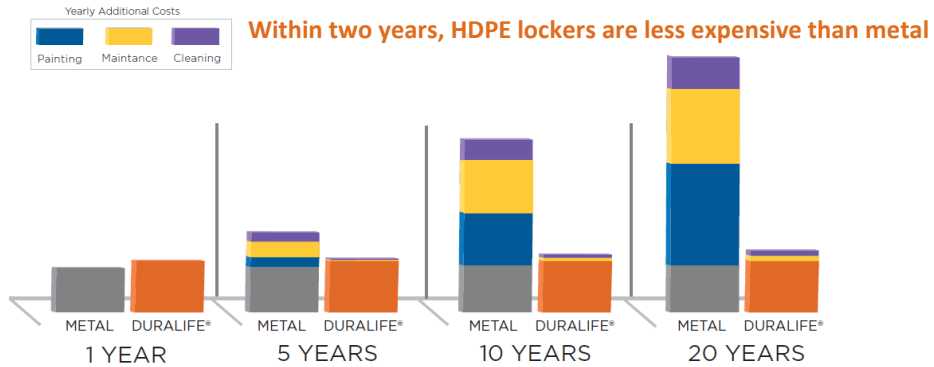
Testing was conducted in accordance with ASTM D6578. The test provides a standard set of conditions that can be used to evaluate the graffiti resistance of a surface. Seven marking agents and six cleaning products were used in the evaluation. Testing performed in 2013.

**ISSUE:** Keeping school lockers free from graffiti can be a time consuming process when dealing with traditional metal lockers. Many markers or writing agents are not easily removable and can leave a ghosting mark.

**SOLUTION:** Most graffiti readily wipes off Duralife Lockers™ non-porous surface. Stickers and contact paper can also be easily be removed. When using Scranton Products® recommended environmentally friendly cleaning solution, all marking agents are easily removed and do not leave any ghosting marks.

## LESS MAINTENANCE

**ISSUE:** Traditional metal lockers have a lower initial cost than Duralife Lockers™, making them an economical choice for schools. However, there are hidden costs such as the additional expenses associated with cleaning, painting and the general maintenance of these lockers on an annual or semi-annual basis which may be overlooked.



Independent studies completed with school facility managers to calculate ongoing maintenance costs.

**SOLUTION:** Compare the true cost of a traditional metal hallway locker to a Duralife HDPE Locker over a 20-year period. The above chart takes into account the initial cost, maintenance, dent and scratch repair, painting cost, graffiti removal and replacing damaged and corroded parts to create a cost of ownership model in years 1, 5, 10 and 20. Within 2 years, Duralife HDPE lockers are less expensive than metal. In 20 years, the accumulated savings are substantial.



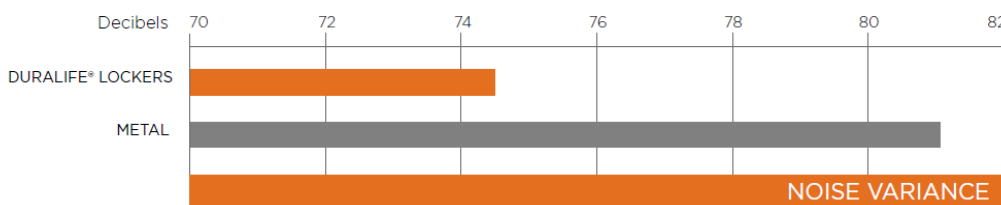
**“Maintaining metal lockers was a nightmare. With plastic lockers, we cut our maintenance time from 3-4 weeks to just 2-3 days, and cleaning graffiti went from days to minutes. I couldn’t be happier.”**

**Robert Gannon**

Director of Facilities at Ocean City High School, Ocean City, NJ., where Scranton Products lockers have been installed for 7 years.

## NOISE REDUCTION

**ISSUE:** Hallways are noisy by nature and the sound of traditional metal lockers can add to the noise and create a distracting environment.



Test conducted following ASTM Standards.

A 3 decibel increase equates to a noise that is twice as loud. Our testing shows that metal lockers are 6.4 decibels louder, which is 3 times as loud as Duralife Lockers.

**SOLUTION:** Duralife Lockers™ are 3 times quieter than metal lockers and provides substantial noise reductions in a hallway leading to a better learning environment.

# SUSTAINABILITY



**ISSUE:** Greenguard certified products meet the strictest standards for air quality and sustainability. Several major traditional metal locker brands (Penco, Lyons, Republic, Hadrian) are not Greenguard certified.\*

**SOLUTION:** When you choose Duralife Lockers™, you are supporting a healthier environment and healthier kids. GREENGUARD Children and Schools Certified, Duralife Lockers™ meet strict criteria for products intended for use in schools and other environments where children spend significant periods of time. In addition, because they never need painting, they do not contribute to VOC emissions, improving both indoor and outdoor air quality. They are also impermeable to moisture, resist mold and mildew and can be power-washed or steam cleaned, eliminating the need for harmful chemical cleaners.

Category	Duralife Lockers™	Industry Averages
	HDPE	Traditional Metal
Post-Consumer Recycled Content	0% (100%)	34%
Post Industrial Recycled Content	25-75%	28%
VOC Content Below Defined Limits	Yes	Yes
Free of Added Urea-Formaldehyde Resins	Yes	Yes
GREENGUARD Certified	Yes	No

\* At time of printing Penco, Lyons, Republic, Hadrian metal lockers are not Greenguard Certified.

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**LOCKERS**

**LOCKER ROOM BENCHES**

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LOCKERS.®**



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DESIGNED TO BE WORRY-FREE



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