HTM40 / HTM70
(Cap Sheet)

Technical Data Sheet

LEGEND® PPF HTM series tinted films protect covered vehicle surfaces in virtually any climate zone and weather conditions while adding an aesthetic neutral grey tint to various surfaces*. Perfect choice for automotive glass roofs, LEGEND® HTM series PPF adds solar energy and glare reduction benefits and can reduce infrared heat intake through your sunroof for an additional 45%. Unlike PVC products with excessive texture, low gloss, and low durability, the self-healing and high gloss LEGEND® PPF HTM series offers stylish, long-term, easy maintenance protection.

Currently, the HTM series is available in 2 VLT (visible light transmittance) choices:

HTM-70 – 70% VLT / HTM-40 – 40% VLT

Beyond film performance, LEGEND® PPF HTM series offers versatile installation suiting the most challenging curves while requiring no post-installation maintenance. Among notable benefits of this product are:

Product benefits:

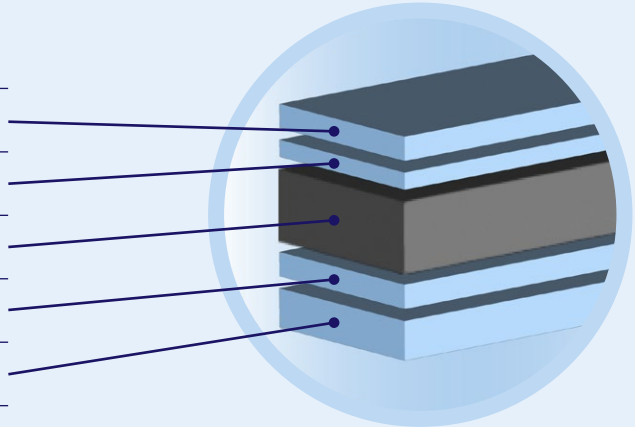
- Visually appealing neutral grey appearance
- Available in 40% and 70% VLT
- Remarkable ease of installation
- Exceptional scratch, mar and stain resistance
- Perfect for protection of automotive glass roofs
- Reduction of Solar Energy and Glare inside the vehicle
- Infrared heat rejection of up to 45%
- Self-healing Hydrophobic surface
- Long-lasting gloss and cleanliness
- The perfect combination of longevity, durability and toughness
- Excellent ten-year limited warranty**

Physical Properties		
Test	**Value**	**Standard**
Tensile Strength	8200psi	ASTM D882
Elongation at Break	450%	ASTM D882
Adhesive Peel Force	7.8-10.6 lbs/in	ASTM 3330

LEGEND® HTM Construction Details:

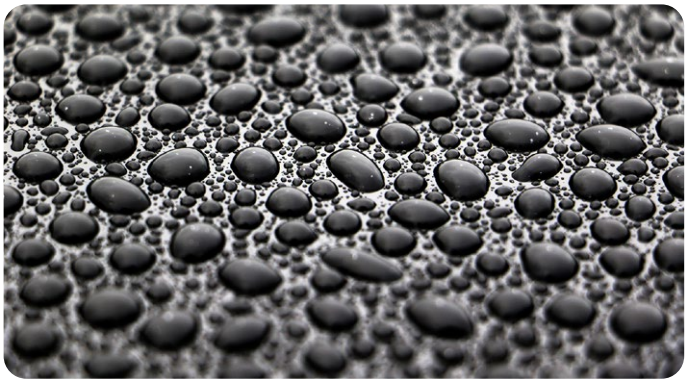
Total product thickness 8mil (200 micron)

- Protective Cap Sheet - 2mil (50micron)
- Ultra High Performance Top - 0.4mil (10micron)
- Aliphatic TPU Base - 6mil (150micron)
- Acrylic PS Adhesive - 1.2mil (30micron)
- Matte Siliconized Liner - 3mil (75micron)



LEGEND® Self-Leveling Hydrophobic surface is formulated for long-lasting gloss retention. The minor scratches and mars caused by normal wear, such as car wash, are seamlessly eliminated over time. Our low surface energy of the topcoat prevents surface darkening caused by water-borne contamination. The car surface with LEGEND® Paint Protection Film installed retains attractive smooth high-gloss appearance for years to come maintenance free.

Conventional polyester urethane Top Coat



LEGEND® Self-Leveling Hydrophobic Surface



legendppf.com legendppf.eu legendppf.co.uk

**Contact an authorized distributor/dealer for manufacturer's limited warranty details.*

Your Paint Our Protection®

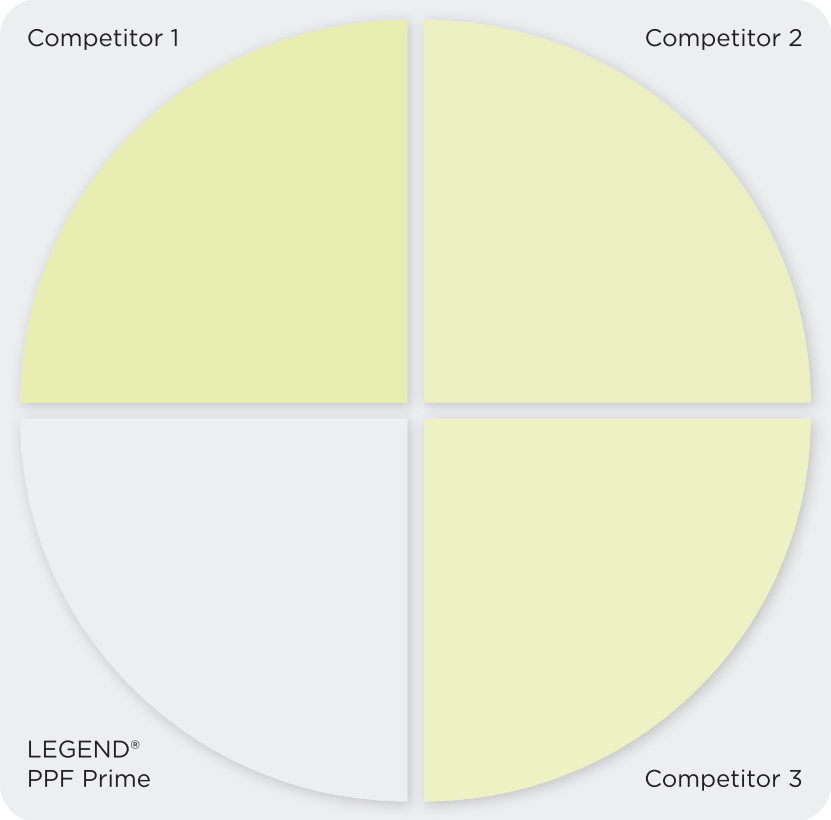
Copyright © 2025 Bluegrass Protective Films LLC, All Rights Reserved Made in U.S.A. of U.S. and imported components.

HTM40 / HTM70
(Cap Sheet)

LEGEND® Yellowing, Stain and Chemical resistance comes as a result of careful formulation allowing our product to repel a wide variety of road-related contaminants such as tar, oil, transmission, radiator and windshield fluids. Also, LEGEND® Paint Protection Film is highly resistant to solvents, acids, bases, bug splatter, and bird droppings.

LEGEND® Longevity and Weatherability is a product of the collaboration of scientists and engineers, resulting in components that retain visual properties and performance for years to come. LEGEND® products are designed to meet most severe outside specifications for automotive, aerospace, transportation and heavy-duty requirements. LEGEND Paint Protection Film is tested by QUV and Xenon weathering, as well as high temperature and humidity exposure.

LEGEND® Chemical resistance is extensively tested by a variety of chemicals including harsh solvents such as Toluene, 2-Butanone, n-Butyl Acetate, Isopropyl Alcohol, and aqueous solutions of Hydrochloric acid, Sulfuric acid, and Sodium Hydroxide.



LEGEND® Durability is tested by tensile testing as well as Gravelometer testing designed to evaluate the resistance of vehicle surface coatings to chipping caused by the impacts of gravel and other flying objects in accordance with SAE J400 standard. LEGEND® Paint Protection Film performs to the highest standards set by the market.

** Please refer to your local laws for installation restrictions, do not use where prohibited by law*
*** Contact an authorized distributor/dealer for manufacturer's limited warranty details*



LEGEND® PPF USA
Bluegrass Protective Films, LLC.
8770 Trade Street, Unit B
Leland, NC 28451, USA
sales@bpfilmsllc.com
legendppf.com
+1 (812) 850-9095

LEGEND® PPF Canada
LEGEND Films Canada Inc.
10 George Street - Suite 200
Hamilton, ON L8P 1C8, Canada
adwyer@bpfilmsllc.com
legendppf.com
+1 905-577-1789

LEGEND® PPF Europe
LEGEND Europe GmbH
Forstweg 1
14656 Brieselang, Germany
info@legendppf.eu
legendppf.eu
+49 (0) 33232 222840

LEGEND® PPF UK
LEGEND Films UK Ltd
Parkside House, River Way,
Harlow, CM20 2DW
info@legendppf.co.uk
legendppf.co.uk
+44 (0) 1245 791 515

**Contact an authorized distributor/dealer for manufacturer's limited warranty details.*

Your Paint Our Protection®

Copyright © 2025 Bluegrass Protective Films LLC, All Rights Reserved Made in U.S.A. of U.S. and imported components.