



TM

ISATM Swatchbook

TanTec

Tested for use in GORE-TEX® Footwear



TM

The leathers in this book are PFC Free performance leathers from ISA which have been evaluated in Gore Fabrics lab to meet guidelines for breathability and wicking performance in GORE-TEX® Footwear.



GORE-TEX® FOOTWEAR LEATHER GUIDELINES & RECOMMENDATIONS

GORE-TEX® Footwear is globally known as setting the standard for guaranteed durably waterproof and breathable performance across a wide range of end uses, from casual shoes to mountaineering boots. By establishing performance specifications for finished footwear and confirming compliance to these specifications, Gore is able to assure a high level of quality and consistency in the performance of shoes which carry its GORE-TEX® brand. We provide our customers with specifications in a trademark license agreement and support their efforts to meet them, by providing guidelines and making specific recommendations on design, construction, and material/component performance to ensure the creation of footwear that can meet the specifications.

The following guidelines and recommendations are based on “whole shoe” lab tests, material swatch tests, and in-depth studies of consumer behaviors and expectations. These guidelines are not “requirements” for GORE-TEX® Footwear, but best practices. Their main purpose is to aide developers in building footwear that performs to consumer expectations and ensure the final footwear meets the Style Qualification needs as outlined by the Gore Footwear Lab.

Breathability. Leather breathability guidelines vary by GORE-TEX® Product category. Materials are tested in a Moisture Vapor Transmission Rate (MVTR) “bottle test” based on ISO 14268. Materials are not pre-stressed prior to testing and must be pre-conditioned for 8 hours in humidity-controlled setting. The guidelines below are provided to help developers build products that will ultimately perform in Gore’s finished shoe “Footwear Breathability Test”. Developers should take care when using overlays, adhesives or reinforcements, as these layers of components may also have an impact on the finished shoe test.

Performance & Insulated Comfort Footwear		Extended Comfort Footwear	
Material (thickness up to 2.6mm)	MVTR	Material (thickness up to 2.6mm)	MVTR
Full grain leather	5.0 mg/cm ² h	Full grain leather	8.0 mg/cm ² h
Nubuck leather	5.0 mg/cm ² h	Nubuck leather	8.0 mg/cm ² h
Split leather	7.5 mg/cm ² h	Split leather	10.0 mg/cm ² h
Lining leather	15.0 mg/cm ² h	Lining leather	15.0 mg/cm ² h

Wicking. Gore recommends that leathers used in building GORE-TEX® Footwear do not wick more than 1 centimeter for every 2 hours in a wicking bath. This ensures moisture does not enter the GORE-TEX® bootie by traveling up and over the top of the upper material.

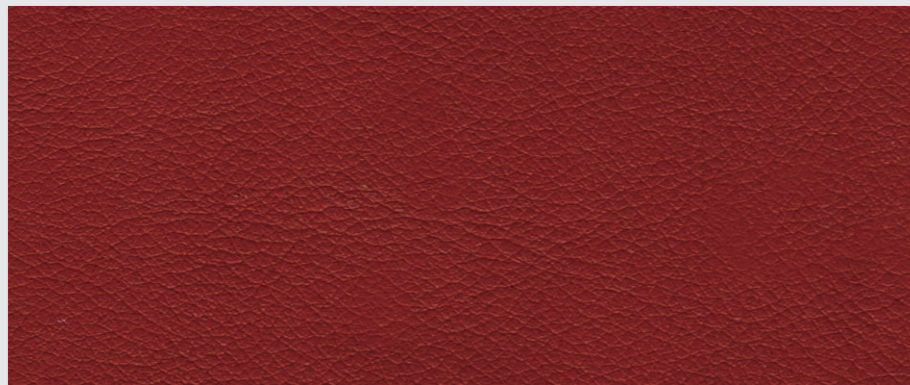
Maeser Flexes. Because the GORE-TEX® laminate is engineered to deliver waterproof functionality in the finished shoe, there are no Maeser Flex performance guidelines, recommendations, or requirements for leathers in GORE-TEX® footwear.



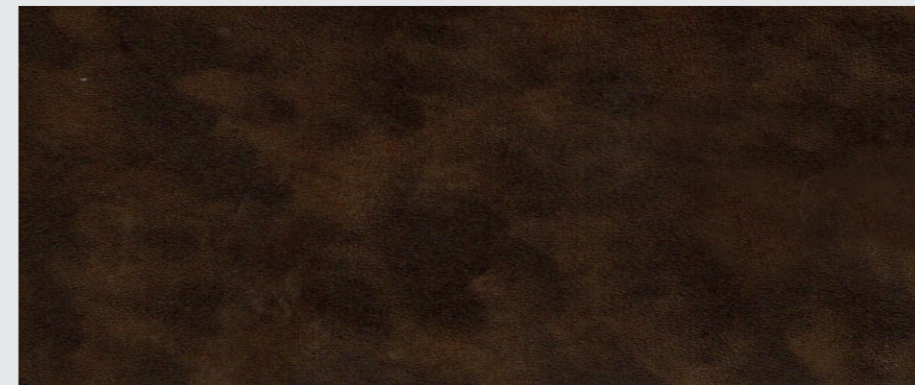
Ambush WPGT	
<i>Color</i>	Biscuit
<i>Weight Range Available</i>	1.2-1.4mm
<i>Oil Content</i>	Max.16%



Damre WPGT	
<i>Color</i>	Brown
<i>Weight Range Available</i>	1.2-1.4mm
<i>Oil Content</i>	Max.12%



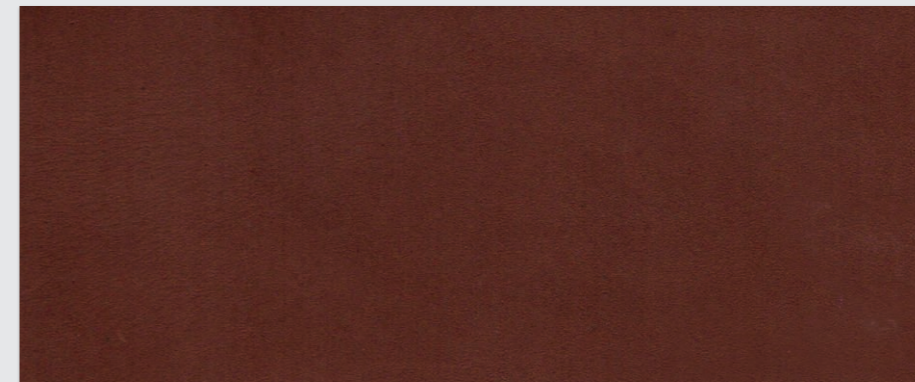
Apollo WPGT	
<i>Color</i>	Redwood
<i>Weight Range Available</i>	1.4-1.6mm
<i>Oil Content</i>	Max.14%



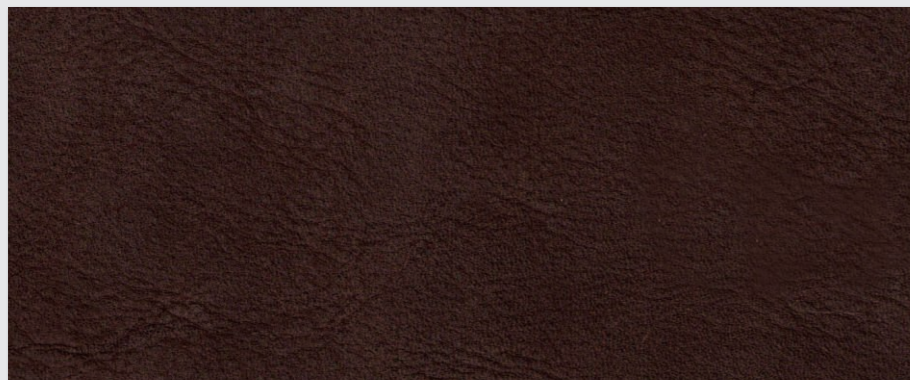
Eurotique GT	
<i>Color</i>	Deep wood
<i>Weight Range Available</i>	2.0-2.2mm
<i>Oil Content</i>	Max.14%



Commando WPGT	
<i>Color</i>	Coyote
<i>Weight Range Available</i>	1.2-1.4mm
<i>Oil Content</i>	Max.16%



Farmington WPGT	
<i>Color</i>	Cinnamon
<i>Weight Range Available</i>	1.6-1.8mm
<i>Oil Content</i>	Max.14%



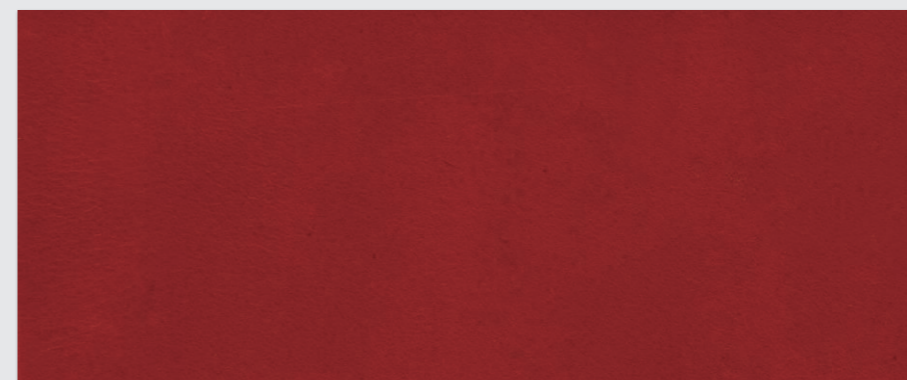
Grand Slam GT	
<i>Color</i>	Mink Oil
<i>Weight Range Available</i>	1.4-1.6mm
<i>Oil Content</i>	Max.18%



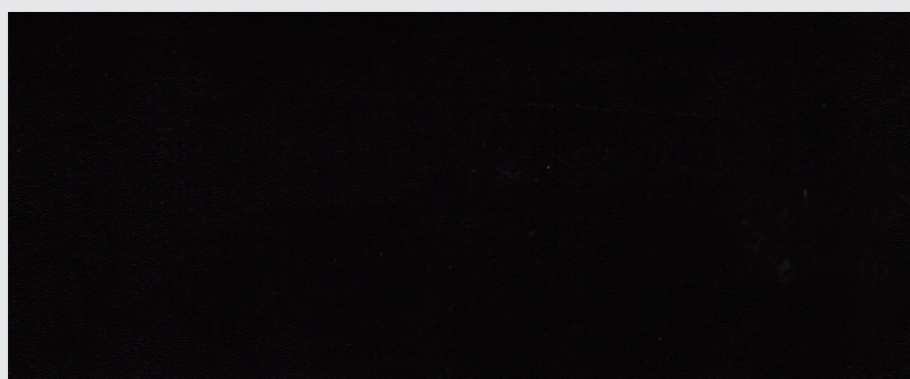
New Goldrush WPGT	
<i>Color</i>	Grand Canyon
<i>Weight Range Available</i>	1.4-1.6mm
<i>Oil Content</i>	Max.14%



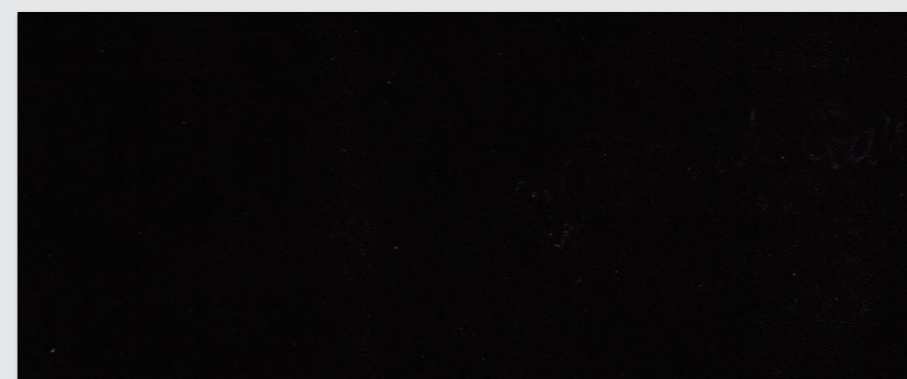
Highland WPGT	
<i>Color</i>	Saturn
<i>Weight Range Available</i>	1.6-1.8mm
<i>Oil Content</i>	Max.14%



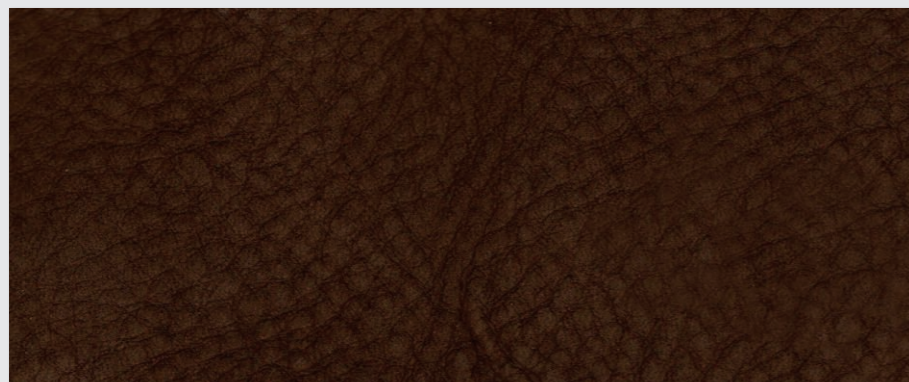
Outdoor WPGT	
<i>Color</i>	Banner Red
<i>Weight Range Available</i>	2.0-2.2mm
<i>Oil Content</i>	Max.14%



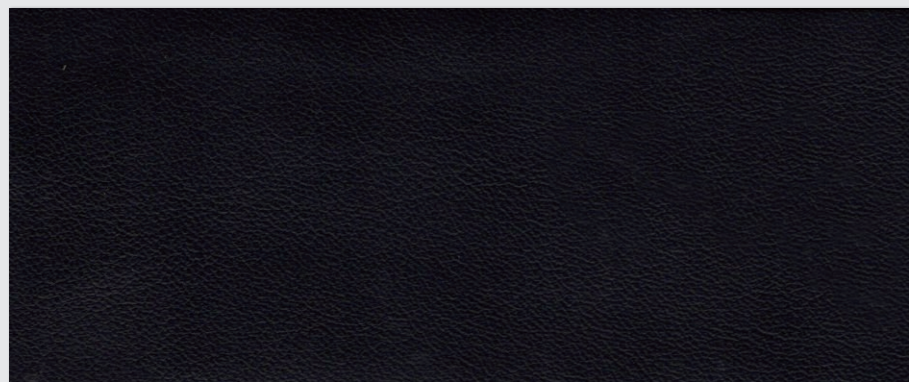
Iceberg WPGT	
<i>Color</i>	Black
<i>Weight Range Available</i>	1.6-1.8mm
<i>Oil Content</i>	Max.14%



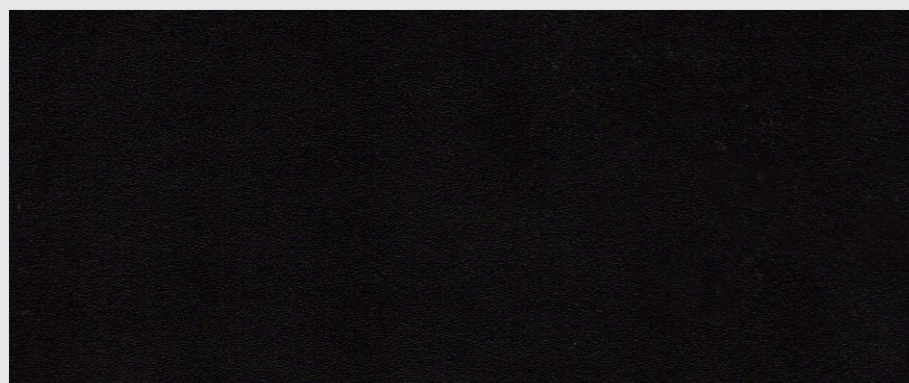
Riptide Galloper GT	
<i>Color</i>	Black
<i>Weight Range Available</i>	2.0-2.2mm
<i>Oil Content</i>	Max.16%



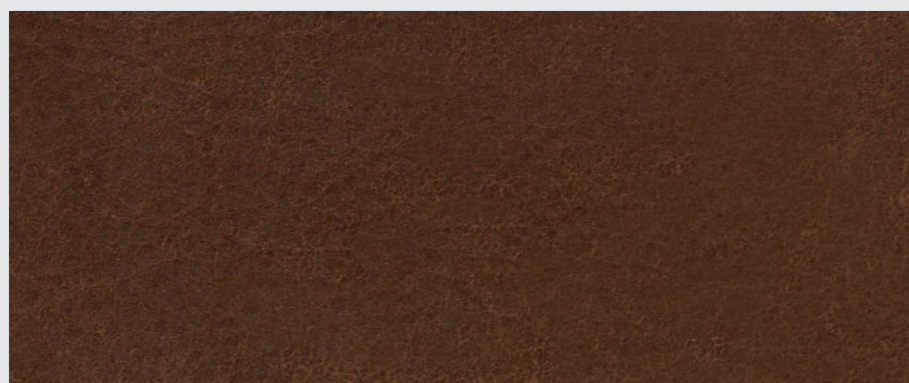
Slippery WPGT	
<i>Color</i>	Belgian
<i>Weight Range Available</i>	1.4-1.6mm
<i>Oil Content</i>	Max.14%



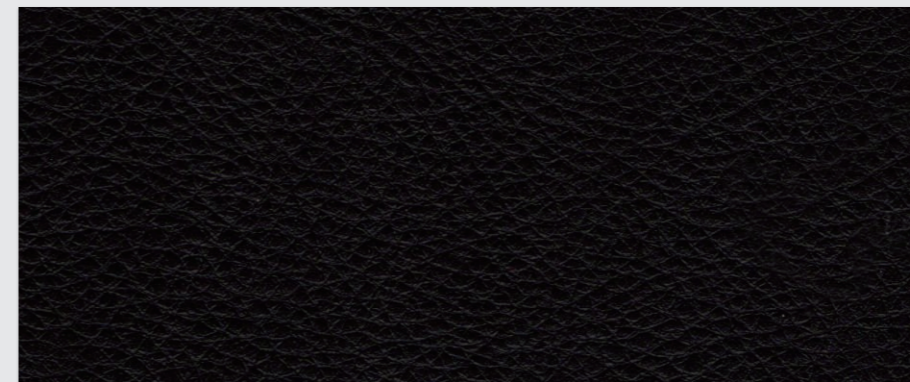
Stratosphere GT	
<i>Color</i>	Blue nights
<i>Weight Range Available</i>	1.0-1.2mm
<i>Oil Content</i>	Max.14%



TFL Cool WPGT	
<i>Color</i>	Black
<i>Weight Range Available</i>	1.8-2.0mm
<i>Oil Content</i>	Max.12%



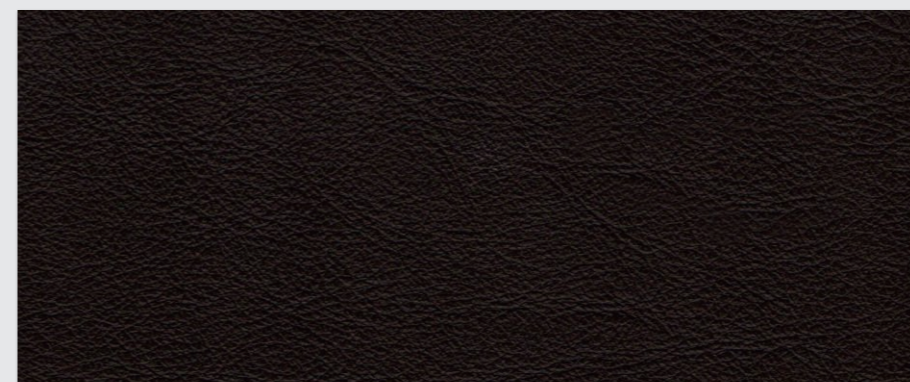
Typhoon WPGT	
<i>Color</i>	Dachshund
<i>Weight Range Available</i>	1.6-1.8mm
<i>Oil Content</i>	Max.16%



Virginia WPGT	
<i>Color</i>	Black
<i>Weight Range Available</i>	1.2-1.4mm
<i>Oil Content</i>	Max.16%



Whirlpool WPGT	
<i>Color</i>	Truffle
<i>Weight Range Available</i>	1.4-1.6mm
<i>Oil Content</i>	Max.14%



X-Lite New WPGT	
<i>Color</i>	Eiffel
<i>Weight Range Available</i>	1.2-1.4mm
<i>Oil Content</i>	Max.12%

ISA TanTec Ltd.

Headquarters
Avenida Da Praia Grande N 619
Comercial Si Toi 5 Andar 8, 999078, Macau, China
Tel: +853 2835 6320

Mississippi TanTec Leather, Inc.

101 TanTec Way,
Vicksburg, MS 39183, USA
Tel: +1 601 429 6081

Saigon TanTec Leather Ltd.

Lot M2-M3, Viet Huong 2 Industrial Park,
An Tay Village, Ben Cat District,
Binh Duong Province, Vietnam
Tel: +84 274 357 9101/357 9102

TransAsia TanTec Ltd.


Lot B6.1, C4 Street,
Thanh Thanh Cong Industrial Park, An Hoi Quarter,
An Hoa Ward, Trang Bang Town,
Tay Ninh Province, 840000 Vietnam
Tel: +84 276 388 3382

Heshan TanTec Leather Co., Ltd.

No. 1 Xingli Road,
Hecheng Town, Heshan City,
Guangdong Province, 529727, China
Tel: +86 750 831 3280 / 831 3294

Send us an email to info@tantec1.com
for inquiries.



The Brand  Behind The Brand

ISA INDUSTRIAL LTD. WWW.LITELEATHER.COM
MACAU (CHINA) | USA | VIETNAM | CHINA | HONG KONG (CHINA)

