

# Tiffen Digital HT™

## A Major Breakthrough in Multi-Coated Filters



Digital HT™ filters are a state-of-the-art technological breakthrough in multi-coated photo and video filters. Made for the discerning professional and imaging enthusiast, Digital HT™ filters with Hi-Trans® Double-Sided Titanium Multi-Coating surpass even military specifications for hardness and durability.\*

Tiffen's research and development team has conquered the challenges of multi-coating. No longer is your investment in a multi-coated filter subject to the everyday challenges of dirt, humidity, and potential scratching which can render your multi-coated filter useless.

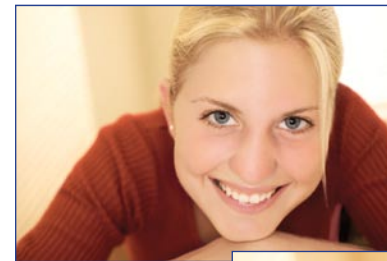
Digital HT™ - High Transmission - filters offer the strength of a Titanium coating combined with the purest optical quality glass and Tiffen's Academy-Award-winning ColorCore™ technology. They present unmatched scratch-resistant durability and worry-free cleaning while other coated filters on the market today cautiously suggest delicate, if any, cleaning procedures, in fear of destroying the coating (and thereby the filter).

And that's not all – these High Transmission filters feature a low profile titanium-finish ring and anti-reflective black lock ring that set them apart from all other filters.

### Digital HT™ filters are available as:

- Digital Ultra Clear™
- Haze 86 (with 86% UV absorption)
- Circular Polarizer
- 812® Warming Filter
- ND 0.6
- ND 1.2
- Soft/FX® 3
- Star 4 Point 2
- Color-Grad® ND 0.6
- In sizes 52mm-82mm
- Each filter comes with its own distinctive soft pouch for storage when not in use

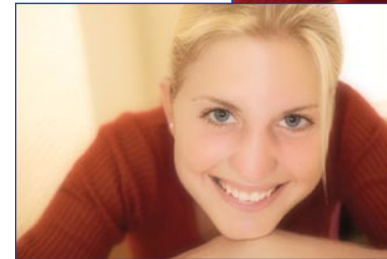
no filter



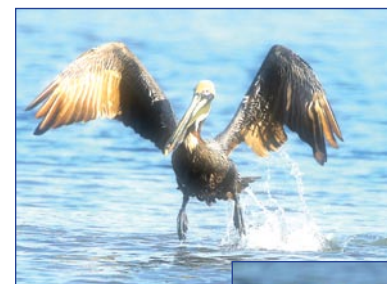
812® Warming



Soft/FX® 3



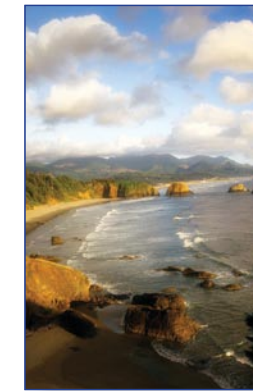
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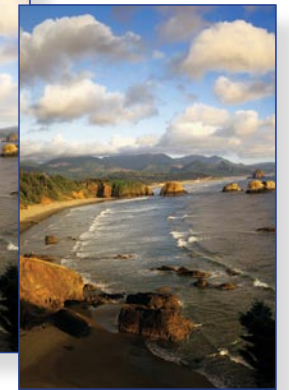
ND 0.6



no filter



Haze 86



no filter



Circular Polarizer



no filter



Color-Grad® ND.6



Along with the extreme toughness and durability, Tiffen Digital HT™ Titanium Coating features excellent Anti-Reflective and Transmission (HT – High Transmission) characteristics. The Titanium coating consistently reflects less than 1% (Fig. 1) of the imaging light hitting the front surface of the filter while transmitting nearly 99%\* (Fig. 2).

- Superior Transmission
- Easy-to-Clean Surface
- Scratch Resistant
- Anti-Reflective Lock Ring
- Water-White Glass
- Distinctive Titanium Finish
- Low-Profile Filter Ring
- 10-Year Warranty
- Made in USA

Tiffen filters are backed by a 10-year warranty. They are used in almost every major movie and TV production around the world. Tiffen has been honored with two Technical Achievement Awards from the Academy of Motion Picture Arts and Sciences: one for innovative product design, and the other for its Color-Core™ technology, a proprietary lamination process which gives complete control over filter color and density. In 2000, the Academy presented Nat Tiffen with a Scientific and Engineering Award for consistency in filter quality. Tiffen also received a 1998 Emmy Award for Engineering Excellence, as well as numerous other awards for innovative filter technology.

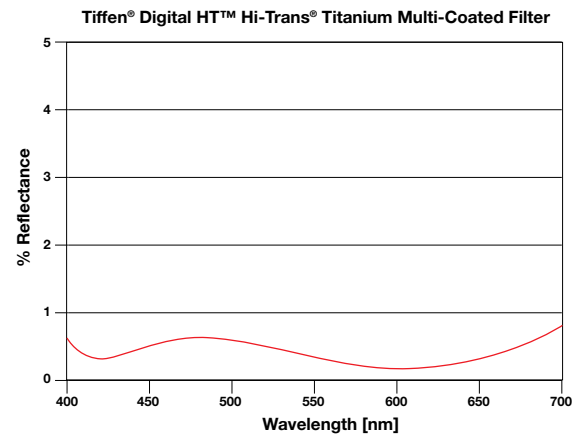


Figure 1

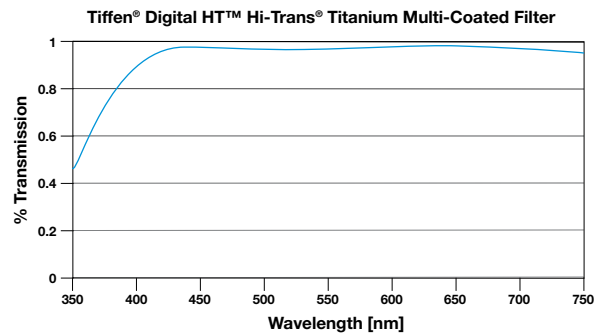


Figure 2

1. Abrasion test – “Severe” abrasion test according to MIL-C-48497, using eraser stub certified to MIL-E-12387.
2. Adhesion test – tape adhesion test according to MIL-C-48497, using adhesive tape certified to MIL-A-A113 rev C.
3. Humidity Test – humidity test in accordance with MIL-C-48497, 95% RH at 50 degrees C for 24 hours.

\* Independent testing based on these specifications was conducted at the Rochester Institute of Technology (RIT), Rochester, NY.

# TIFFEN®

## Digital HT™

### Hi-Trans® Filter

A Major  
Breakthrough  
In Multi-  
Coated  
Filter  
Technology

# TIFFEN®

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