

# 3M™ Multilayer Optical Film products for Consumer Electronics

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## Products

### **3M™ Advanced Polarizer Film (APF): APF-T35i**

U.S. Patent No.: 11,280,947

For use in U.S. Patent No.: 11,099,312

### **3M™ Advanced Polarizer Film (APF): APF-V3i**

U.S. Patent No.: 11,280,947

For use in U.S. Patent No.: 11,099,312

### **3M™ Advanced Polarizer Film (APF): APF-V4i**

U.S. Patent Nos.: 10,288,789; 10,627,557; 11,150,393

### **3M™ Advanced Polarizer Film (APF) - High Contrast Ratio: APF-HCRi**

U.S. Patent Nos.: 11,280,947; 12,072,519; 11,536,886; 12,352,996

For use in U.S. Patent No.: 11,156,757; 12,474,515

### **3M™ Standard Reflecting Polarizer Film (SRPi)**

U.S. Patent No.: 12,352,996

For use in U.S. Patent No.: 11,099,312

### **3M™ Advanced Polarizer Film (APF) - V4 with Hard Coat: APF-V4HCl**

U.S. Patent No.: 11,280,947

### **3M™ Advanced Polarizer Film (APF) - V3 with Hard Coat Special: APF-V3HCSi**

U.S. Patent No.: 11,280,947

For use in U.S. Patent No.: 11,099,312

### **3M™ Advanced Polarizer Film (APF) - Quarter Wave Plate: APF-QWPI**

U.S. Patent No.: 11,280,947

For use in U.S. Patent No.: 11,099,312; 9,488,859

### **3M™ Advanced Polarizer Film (APF) - Quarter Wave Plate with Hardcoat Special: (APF-QWP HCSi)**

U.S. Patent No.: 11,280,947

For use in U.S. Patent No.: 11,099,312; 9,488,859

## **3M™ Dual Brightness Enhancement Film Qv2: (DBEF-Qv2)**

**U.S. Patent No.:** 11,280,947