



# 966F Polyester Belt

## Technical Data Sheet

1. **3M I.D. Number:** 966F
2. **Mineral:** Ceramic Precision Shaped Grain (PSG) & Aluminum Oxide  
**Grades Available:** (20+, 24+, 36+, 50+, 60+, 80+)
3. **Backing:** Polyester ZF-wt. (20+, 24+) Polyester YF-wt. (36+, 50+, 60+, 80+)
4. **Bond:** Resin Bond
5. **Available Forms:** Belts
6. **Identification:** Stock numbers will vary based on the grade of the product.
7. **Recommended (Ideal) Storage Conditions:** Temperatures 60-80° F, Relative Humidity 35-50%.
8. **Applications:** 3M 966F polyester belt is specifically designed for wet titanium grinding in medium to high pressure applications. The types of grinders that the 966F belt is best suited for are; gantry grinders designed for slabs/plates as well as vacuum chuck reciprocating grinders. Companies that build these machines include the following: Timesavers, IMEAS, Hill-Acme, PDS (Pittsburgh Design Services), G&P Company.
9. **Safety:** Please reference the following industry standards: 1) American National Standards Institute (ANSI) B7.7 "Safety Requirements for Abrading Materials with Coated Abrasive Systems" or; 2) Federation of European Producers of Abrasives (FEPA) "Safety Recommendations for the Use of Coated Abrasives (56-96)".

Effective Date: July 1<sup>st</sup>. 2016

Coated Abrasive Division/3M  
Technical Service/JEO  
Laboratory/BR

**IMPORTANT NOTICE TO PURCHASER:**

All statements, technical information and recommendations contained in this technical data sheet are based upon tests conducted with 3M-approved equipment and which are believed to be reliable. However, many factors beyond the control of 3M can affect the use and performance of 3M products in a particular application, including the conditions under which the products are used. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for the particular purpose and suitable for user's application.

**Abrasive Systems Division**

3M Center, Building 21-1W-10  
St. Paul, MN 55144-1000  
1-866-279-1235

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