

## SPECIFICATION DATA SHEET

# D-7590

## Hydro-Fused®/Nonasbestos Gasket Material

### Description

D-7590 is a highly compressible, chemically resistant gasket material that is utilized as a filler material in PTFE enveloped, and metal-jacketed gaskets. It is intended for applications with maximum continuous operating temperatures up to 260°C (500°F).

### Specification Properties

Property	Value	Method
Density, g/cc(lb/cu.ft)	0.565 - 0.665 (35.3 - 41.5)	ASTM F 1315
Compressibility, % (at 34.5MPa)	30 - 50	ASTM F 36
Recovery, %	15 (min.)	ASTM F 36
Tensile Strength, AMD, MPa(psi)	2.76 (400)	ASTM F 152

### Remarks and Related Documents

Specification values determined by the test methods required for ASTM F-104, Type 7 materials.

EnCore®, Hydro-Fused®, MicroPore®, Pro-Formance®, Select-a-Seal®, Select-a-Shield®, Syntheseal®, Thermo-Tork®, and Voltoid® are registered trademarks of Interface Performance Materials, Inc. PureGuard™ is a trademark of Interface Performance Materials.

WARNING: The description and performance data provided herein constitute a material specification for quality control purposes, but do not imply suitability for use in a specific application. Your specific application should not be undertaken without independent study and evaluation for suitability. Failure to select proper sealing products may result in either property damage or personal injury. For specific application recommendations, contact Interface Performance Materials. INTERFACE PERFORMANCE MATERIALS EXPRESSLY DISCLAIMS ALL WARRANTIES EITHER EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT WILL INTERFACE BE LIABLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL OR PUNITIVE DAMAGES, HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THE INFORMATION CONTAINED IN ITS SPECIFICATION DATA SHEETS, ITS PRODUCTS OR THEIR FUTURE USE BY YOU OR ANY THIRD PARTIES, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Revised 07/06/17  
Form SPDS-01 6/13/17  
©2017 Interface Performance Materials, Inc.

For more information, please visit [www.InterfaceMaterials.com](http://www.InterfaceMaterials.com) or contact

WORLD HEADQUARTERS  
Interface Performance Materials, Inc.  
216 Wohlsen Way  
Lancaster, PA 17603  
USA  
+1.717.207.6000

TECHNICAL CENTER  
Interface Performance Materials, Inc.  
215 Wohlsen Way  
Lancaster, PA 17603  
USA  
AE@InterfaceMaterials.com  
+1.717.207.6000

NORTH AMERICA  
Interface Performance Materials, Inc.  
22260 Haggerty Road, Suite 200  
Northville, MI 48167  
USA  
+1.248.596.2800

ASIA PACIFIC  
Interface Sealing Solutions Shanghai Co., LTD  
Unit 14F, No. 728  
Yan An Road West, Changning District  
Shanghai 200050  
China  
+8621.5238.5650

INDIA  
Interface Performance Materials India LLP  
Mandkola Road, Vill. Atta, Sohna,  
Distt: Mewat, Nuh-122103 (Haryana)  
+91.0124.8930992166

EUROPE & SOUTH AMERICA  
Interface Sealing Solutions Europe  
Lili Pean, Le Bourg  
Bonloc 64240  
France  
+33.5.5929.1220

GERMANY  
Interface Performance Materials  
Altenkirchen GmbH  
P.O. Box 12 63  
Koblenzer Strasse  
Altenkirchen D-57610  
Germany  
+49.2681.80020

**Inter**face  
Performance Materials