

# DeWAL® DW601

## Dynaglide® PTFE Materials

DeWAL® DW601, part of the Dynaglide® family, is a specially filled PTFE compound. It is filled with a glass fiber material; the end product is maroon-red in color. It is manufactured in thickness ranges of 12.7mm to 305mm (0.0015" to 0.064").

### Features & Benefits:

- Enhanced wear resistance
- Increased load carrying capability
- Flexible
- Low coefficient of friction

### Applications:

- Bearings
- Seals

PROPERTY	TEST METHOD	DATA RANGE	TYPICAL VALUE*
<b>PHYSICAL</b>			
Backing Material		---	Maroon Filled PTFE Compound
Backing Thickness, mm (inches)		0.38 – 1.63 (0.015 – 0.064)	---
Tensile Strength, MPa (PSI)		7.9 – 16.4 (1,141 – 2,380)	13.5 (1,952)
Elongation, %		162 – 390	256
Specific Gravity/Density, g/cm <sup>3</sup>		2.15 – 2.30	2.24
Maximum Operating Temperature, C° (F°)			260 (500)

PRODUCT DIMENSIONS	METRIC	ENGLISH
Width mm, inches	12.7 – 305	0.5 – 12
Core Diameter mm, inches	76	3
Manufacturing Options	Upon Request	Stamped Parts Etching for Bonding

\*Typical values shown are from testing at date of manufacture and should not be used for specification limits.

- Additional technical information and product specifications are available upon request.
- Shelf life is 1 year from the date of manufacture with storage conditions of 21°C (70°F) and 50% RH.
- All metric conversions are approximate.

To order DeWAL materials, please contact our Sales Specialists at 401.789.9736 or via email at EMS\_RI\_cust\_serv@rogerscorporation.com