



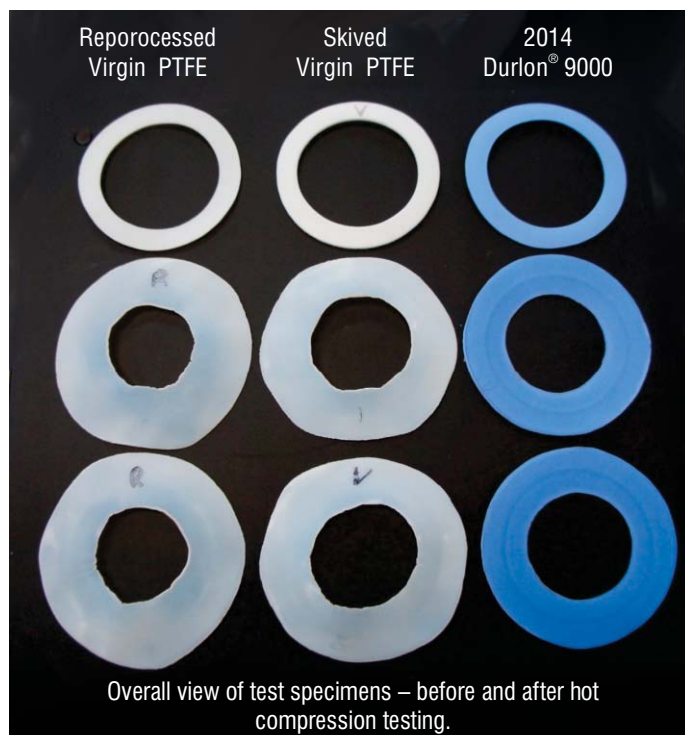
If you've ever doubted your gasket choice, now the proof is in the pictures.

There are a lot of gasket materials on the market today. When writing a specification how does the specification engineer determine which product to spec? Take PTFE gasketing for example. The choices can be confusing...and critical to your company's sealing success.

Recent laboratory tests comparing Durlon® 9000 gaskets to Virgin PTFE, Reprocessed/Commercial Grade PTFE, and metal inserted molded PTFE gaskets prove what our customers already knew... Durlon® 9000 is the superior gasket material. In every case, Durlon® 9000 generated and maintained a tighter, leak free seal more reliably than the other PTFE products on the market.

Many in the fluid sealing industry feel that Hot Compression testing of PTFE products is essential in understanding how the gasket will maintain a seal when used in the flange. As you can visibly see for yourself, Durlon® 9000 outperformed the other gaskets after hot compression testing. These results prove that Durlon 9000 will have better and more consistent physical and mechanical properties in the flange. The choice is clear...Durlon® 9000!

For more information on Durlon® 9000, visit [www. Durlon.com](http://www.Durlon.com) and check out Gasket Resources' other sealing products.



Check out more of the recent lab results...

By the numbers...

Test (Averaged)	Reprocessed Virgin PTFE	Skived Virgin PTFE	2014 Durlon® 9000 Average
Orig. Thickness (in)	0.064	0.063	0.070
Density ASTM D792 (g/cc)	2.196	2.174	2.140
Trans Tens ASTM F152 (psi)	2152	2553	2018
Compressibility ASTM F36 (%)	20.36	15.27	11.56
Recovery ASTM F36 (%)	30.44	42.10	42.62
Nitro Seal ASTM F37 (cc/min)	0.003	0.004	0.002
Creep ASTM F38 (%)	70.77	59.10	30.02
Hot Comp TDC (%)	11.25	7.54	5.95
Hot Comp TDH (%)	39.32	42.66	37.92
Hot Comp TDT (%)	51.17	50.82	44.46
Hot Comp TCS (%)	56.85	50.92	44.21
Shore D D2240	59.0	60.0	59.56

Hot Compression Definitions:

TDC – Thickness Decrease Cold % TDH – Thickness Decrease Hot % TDT – Thickness Decrease Total % TCS – Total Compression Set %

By the photos...

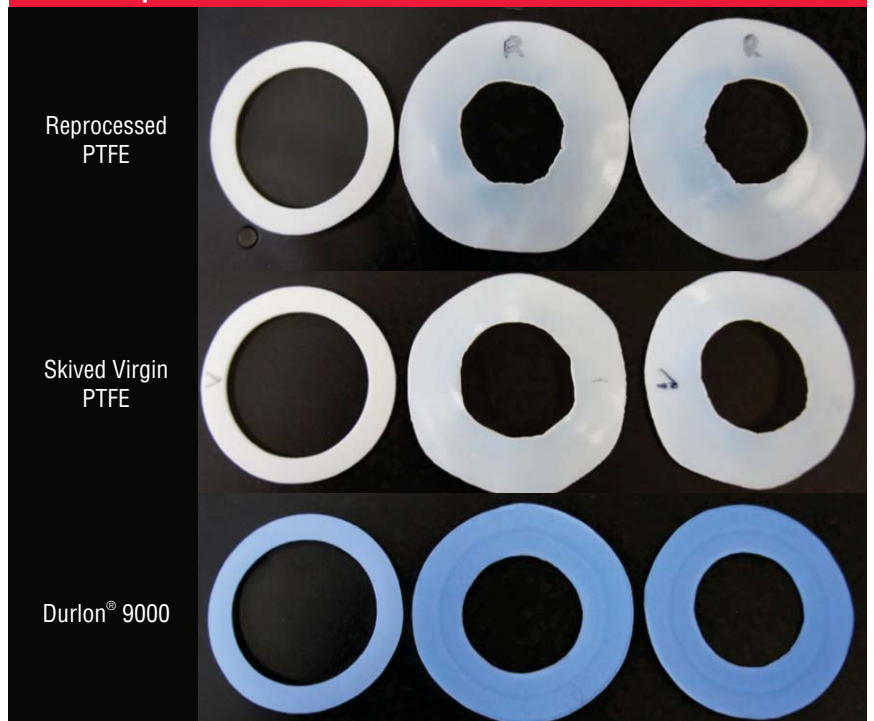


Overlay of Durlon® 9000 sample with Virgin Skived PTFE – Post Hot Compression Test



3D view of samples show a lot of distortion and warping with non-filled PTFE when compared with Durlon® 9000 samples.

Hot Compression Results



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