



N-Dure™
Extended Wear Compounds

Today's customers demand longer lived pneumatic devices. Medical and Food Processing operations require dry air to prevent contamination. Both of these properties are also desirable in the general market, as "green" products are more in demand.

In response to these requirements, Precision Associates has developed two new Extended Wear materials. Compounds 55657 and 55857 are manufactured from a Highly Saturated Nitrile (HSN or HNBR) polymer incorporated with our proprietary internal lubricant package .

Due to the combination of HNBR's natural wear resistance, and our proprietary internal lubricant package, most users have experienced 3 to 5 times longer service life than with standard Nitrile seals. In some applications, seal life has been extended more than 5 fold.

In addition to extended wear, N-Dure™ compound's internal lubrication results in lower breakaway and lower operating friction, allowing applications to function at lower air pressures.

The saturated polymer, coupled with improved modulus, enable N-Dure™ compounds to perform at higher temperatures and pressures than standard Nitrile materials providing a wider range of sealing opportunities.

Precision Associates N-Dure™ compounds are available in these standard seal configurations.



X-Rings



O-Rings



8-Rings



V-Rings



U-Cups



H-Wipers



Multiseals®



Rod Wipers

Ask us about using N-Dure™ compounds for *your custom seal.*



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Ask us about our complete line of product literature:

- *Standard O-Rings*
- *Special Size O-Rings*
- *U-Cups*
- *V-Rings*
- *Rod Wipers*
- *X-Rings*
- *8-Rings™*
- *Multiseal® Low Friction Seals*
- *Kurv-Bak™ Hard Rubber Backup Rings*
- *Rubber Balls*
- *Medical Seals*
- *Custom Moldings*

After 56 years in the rubber business, we've learned to be flexible. We'll bend over backwards to design custom solutions that meet your needs *precisely*. PAI is the company you can trust for rubber seal solutions YOUR WAY!

- Over 1,000 different compounds
- Custom Molding
- More than 2,300 O-Ring Sizes
- 99% on-time delivery
- On-Site Mold Shop
- ISO 14644-1 Class 7 Clean Room

www.PrecisionAssoc.com