Nylon Product Options

Northex 101-Natural (extruded) is the strongest and most rigid of all of the 6/6 unmodified nylons with one of the highest melt points.	Applications include: General purpose and structural wear parts. (FDA approved)
Northex 101 - GS (extruded) contains graphite fillers to increase strength and rigidity.	Applications features include: Improved bearing capability.
Northex 101 - GF (extruded) contains 30% glass fillers to increase compression strength and rigidity.	Applications features include: Improved load capacity and frictional characteristics.
Northex 901 cast nylon is heat stabilized offering long-term thermal stability to 260^0 F.	Applications features include: A variety of bearings and structural parts such as gears, sprockets, wheels and kiln cart
Northex 907 is an unmodified type 6 cast nylon offering the highest strength and hardness of the nylon 6 grades and is FDA, USDA and 3A Dairy approved.	Applications are primarily components such as bearings, bushings and rollers used in the food industry.
Northex GSM (cast) contains finely divided particles of Molybdenum Disulphide to enhance load bearing capabilities while maintaining impact resistance.	Applications are most commonly used for high wear items such as gears, sheaves, sprockets and wheels.
Northex GSM BLUE (cast) is a blend of MOS2 and oil to improve both load-bearing and frictional characteristics. It excels in high load - low speed applications up to 40 fpm and has the lowest slip stick rating of any of the cast nylon group. GSM Blue offers 20% lower coefficient of friction and a lower K factor than GSM.	Ideal for applications such as wear pads, thrust washers, trunion bearings and bushings.
Northex Endura (cast) is the best bearing and wear nylon on the market today. Proprietary solid lubricant additives impart self lubrication, superior high pressure/velocity and superior wear characteristics. Endura has the highest PV and lowest K factor of any of the cast nylon family. In wear applications Endura lasts up to 10 times longer than standard type 6 nylons.	Ideal for high velocity bearings, wear pads, thrust washers, and bushings.

Engineering Notes:
Nylons can absorb up to 7% (by weight) water under high humidity conditions or when submerged in water. This can result in dimensional changes up to 2% and corresponding reduction of physical properties. Proper design techniques can often compensate for this factor. Refer to Northex Acetal or Ertalyte as alternate products.