

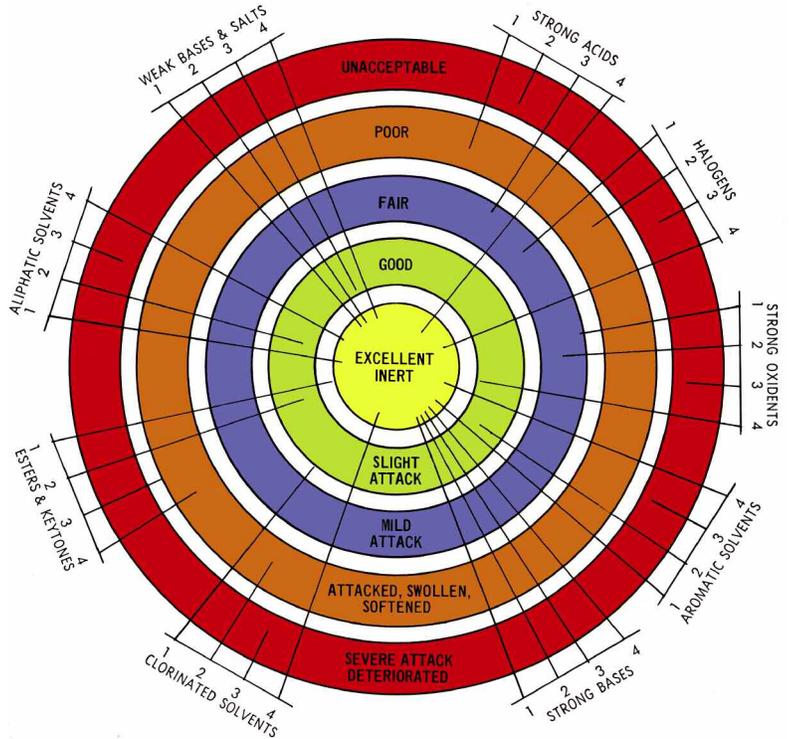
## Selecting Material

**1 - NYLON** has good resistance to organic solvents, oils and gasoline • Good strength at high temperatures • Cold and hot-water applications • Longtime weathering resistance • Good impact resistance, both single and repeated • Not recommended for use with ammonium, boric acid, calcium, sulfuric acid, or hydrochloric acid • F.D.A. listed. • N.S.F. listed.

**2 - CELCON** or acetal copolymer, has high tensile strength and good impact resistance over a broad temperature range. • Translucent white color • Not affected by continuous hot-water service and works smoothly with metal tube • Celcon cannot be recommended for continuous exposure to solutions with a chlorine concentration greater than 1 ppm • Suggested maximum continuous temperature is +220°F (+104°C) in air and +180°F (+82°C) in water • Unaffected by most inorganics, except sulfuric, nitric and hydrochloric acids • Listed by U.S.D.A. and F.D.A. for coffee, milk and antibiotics • N.S.F. listed. • Should not be continuously exposed to sunlight.

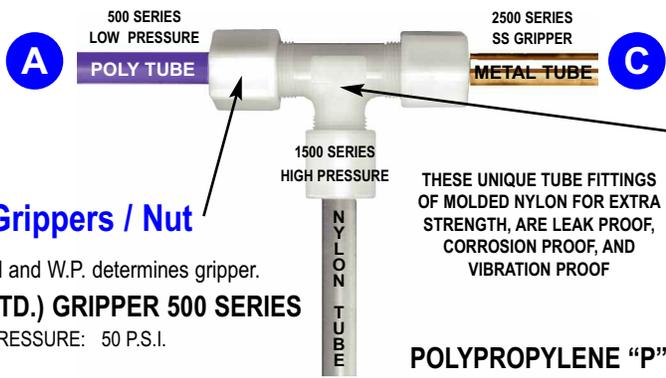
**3 - POLYPROPYLENE** has good chemical resistance • Withstand continuous temperatures up to +215°F (+102°C) • Opaque • Unaffected by most weak acids and alkalis • Below +175°F (+79°C) it has good resistance to organic solvents • Do not use with oxidants or strong acids or in continuous sunlight • N.S.F. listed • 20% glass filled for improved stiffness.

**4 - KYNAR** a polyvinylidene fluoride, has outstanding chemical resistance for handling highly corrosive fluids • F.D.A. listed • N.S.F. listed.



- CHART KEY**
- 1 - NYLON
  - \* 2 - CELCON® (ACETAL)
  - 3 - POLYPROPYLENE
  - \*\* 4 - KYNAR®

\* TRADEMARK OF Hoechst Celanese Corporation.  
\*\* TRADEMARK OF Atochem North America, Inc.



### Select Grippers / Nut

- Tube material and W.P. determines gripper.
- A NYLON (STD.) GRIPPER 500 SERIES**  
• WORKING PRESSURE: 50 P.S.I.
  - B PLASTIC GRIPPER 1500 SERIES**  
• WORKING PRESSURE: 220 P.S.I. AVAILABLE
  - C STAINLESS STEEL GRIPPER 2500 SERIES**  
• WORKING PRESSURE: 220 P.S.I. AVAILABLE

THESE UNIQUE TUBE FITTINGS OF MOLDED NYLON FOR EXTRA STRENGTH, ARE LEAK PROOF, CORROSION PROOF, AND VIBRATION PROOF

### Select Body Material

- Chemical requirements and temperature requirements determines material.
- NYLON (STANDARD) SERIES**  
• TEMPERATURE: -40°F to +220°F  
-40°C to +104°C
  - POLYPROPYLENE "P" (GOOD CHEMICAL RESISTANCE) SERIES**  
• TEMPERATURE: -30°F to +215°F  
-34°C to +102°C
  - KYNAR "K" (HIGH CHEMICAL RESISTANCE) SERIES**  
• WORKING PRESSURE: 220 P.S.I.  
TEMPERATURE: -80°F to +275°F  
-62°C to +135°C

Minimum orders may apply.

ALL FITTING PART NUMBERS ARE SHOWN WITH OUR STANDARD 561 NUT.	FOR POLYPROPYLENE PREFIX PART NUMBER WITH P. (EXAMPLE: P568-) •
FOR PLASTIC GRIPPER TYPE PREFIX WITH NO. 1 (EXAMPLE: 1568).	FOR KYNAR PREFIX PART NUMBER WITH K. (EXAMPLE: K568-) •
FOR STAINLESS STEEL GRIPPER TYPE PREFIX WITH NO. 2 (EXAMPLE: 2568) • (SPECIAL ORDER, MIN. QTY. MAY APPLY	FOR CELCON PREFIX PART NUMBER WITH C. (EXAMPLE: C568-) •
ALL FITTINGS WILL BE SUPPLIED IN NYLON UNLESS OTHERWISE SPECIFIED.	NYLON FITTINGS ARE ALSO AVAILABLE IN BLACK ON A SPECIAL ORDER. (568BLK) •

Operating pressures are governed by ambient and fluid temperatures, type of fluid being conveyed, tube type, and conditions of mechanical abuse.