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FOOD GRADE SOLUTIONS INCLUDING GRAINGER SKU NUMBERS

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FOOD GRADE SOLUTIONS INCLUDING GRAINGER SKU NUMBERS

TFE™ Pipe Thread Sealant w/PTFE

A non-hardening, heavy-duty pipe thread sealant. Thick-paste with extra PTFE to give a positive seal with less effort. TFE contains no solvents, non-toxic, non-staining, non-corrosive, self-lubricating. UL Classified and NSF Registered for fire protection sprinkler systems, FDA compliant. Temperatures to 500°F (260°C) and pressures to 10,000 psi (liquid), 2,000 psi (gas).

| | | | | | | | | | | | |
|----------------|--------|----------|-----------|----------|-----------|---------|---------|--------|----------|-----------|------------|
| Available In: | 2oz bt | 3oz tube | 1/4 pt bt | 6oz tube | 1/2 pt bt | 1 pt bt | 1qt can | 1qt bt | 1gal can | 5gal pail | 55gal drum |
| AST P/N: | 14002 | 14003 | 14005 | 14008 | 14012 | 14018 | 14025 | 14026 | 14030 | 14050 | 14055 |
| Grainger SKU#: | 23YA82 | 5X998 | 23YA83 | 23YA84 | 4X222 | 4UJ90 | 23YA85 | 23YA86 | 23YA87 | 23YA88 | NA |



PURE WHITE™ Anti-Seize Compound w/PTFE

A premium food-grade lubricant. It is odorless with exceptional water resistance, and lubricating properties. Designed for the Food/Beverage and Drug/Cosmetic industries. NSF H-1 and meets FDA requirements 21 CFR 178.3570. Temperatures to 475°F (246°C).

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|----------------|----------|--------|-----------|--------|--------|--------|----------|-----------|-----------|
| Available In: | 3oz tube | 8oz bt | 14oz cart | 1# bt | 2# can | 8# can | 35# pail | 120# drum | 400# drum |
| AST P/N: | 31003 | 31008 | 31015 | 31018 | 31025 | 31030 | 31050 | 31130 | 31425 |
| Grainger SKU#: | 23YA67 | 23YA68 | 23YA69 | 23YA70 | 23YA71 | 23YA72 | 23YA73 | NA | NA |



HI-TEMP FOOD GRADE™ Anti-Seize Compound

A heavy-duty assembly paste for high-temp applications in the Food/Beverage industries. Formulated to adhere to metal surfaces with anti-rust and anti-corrosion properties to protect equipment from attack of corrosive acids found in food substances. NSF H-1 and meets FDA requirements 21 CFR 178.3570. Temperatures to 2,100°F (1,148°C).

| | | | | | | | |
|----------------|----------|-----------|--------|------------|---------|----------|-----------|
| Available In: | 4oz tube | 16oz cart | 1# bt | 2 1/2# can | 10# can | 42# pail | 200# drum |
| AST P/N: | 41003 | 41015 | 41018 | 41025 | 41030 | 41050 | 41130 |
| Grainger SKU#: | NA | NA | 34D506 | NA | NA | NA | NA |



POLY-TEMP® MD General Purpose, Medium Density, Thread Seal Tape

100% PTFE from the highest quality resins, a universal thread sealant can be used on all types of pipe connections to seal a vast array of chemicals. Chemically inert. Not flimsy like economy tapes. Meets NSF and FDA requirements 177.1550. UL Listed. Temperatures from -400° to 500°F (-240° to 260°C). Pressures up to 10,000 psi (liquid), 2,000 psi (gas).

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|----------------|-----------|-----------|-----------|------------|-----------|-----------|---------|---------|--------|
| Available In: | 1/4"x520" | 1/2"x260" | 1/2"x520" | 1/2"x1296" | 3/4"x260" | 3/4"x520" | 1"x260" | 1"x520" | 5-Pack |
| AST P/N: | 16025 | 16030 | 16035 | 16040 | 16045 | 16050 | 16055 | 16060 | 16005 |
| Grainger SKU#: | 5NTP6 | 4X227 | 4X543 | 40E314 | NA | 5X584 | NA | NA | 2TE54 |



POLY-TEMP® CERAMIC Anti-Seize PTFE Tape Filled with Ceramic Powders

Formulated specifically for anti-seize applications typical to the food industry. Easy to apply from a handy plastic spool. Will not squeeze out and rub off like grease based products. Excellent pipe thread sealant up to 550°F (287°C). All materials meet FDA requirements 177.1550. Temps. -450° to 2,100°F (-268° to 1,148°C).

| | | |
|----------------|---------------------|--------------------|
| Available In: | 1/2"x600" (10/case) | 3/4"x600" (6/case) |
| AST P/N: | 36536 | 36551 |
| Grainger SKU#: | 2TE46 | 2TE47 |



POLY-TEMP® JOINT PTFE-UHF Joint Sealant

100% expanded PTFE/UHF gasket material. Soft, pliable ribbon with a self-adhesive tape applied to one side. Poly-Temp Joint is a tough, flexible, and economical universal gasket. Meets FDA requirements 21 CFR 177.1550 and 21 CFR 175.105. Withstands pressures up to 3,000 psi and temperatures -450° to 600°F (-268° to 316°C).

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|----------------|------------|-------------|-------------|------------|------------|------------|-------------|-------------|----------|
| Available In: | 1mm x 100' | 1/8" x 100' | 3/16" x 75' | 1/4" x 50' | 3/8" x 25' | 1/2" x 15' | 5/8" x 15' | 3/4" x 15' | 1" x 15' |
| AST P/N: | 28001 | 28003 | 28005 | 28007 | 28010 | 28014 | 28017 | 28020 | 28025 |
| Grainger SKU#: | NA | NA | 40E312 | 4UK01 | 5E141 | 5E142 | NA | 5E143 | NA |
| JUMBO ROLLS | | | | | | | 1/2" x 150' | 3/4" x 100' | |
| | | | | | | | 28314 | 28320 | |
| | | | | | | | | 40E311 | 40E313 |



On reverse side: POLY-TEMP® VSP, AST-RTV™, AST™ SILICONE LUBRICANT (FOOD GRADE), FOOD MACHINERY LUBE, FOOD MACHINERY GREASE, SG-ONE™

POLY-TEMP® is a registered trademark of Anti-Seize Technology.

FOOD GRADE SOLUTIONS / GRAINGER (1 of 2) Rev.1, 2014



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FOOD GRADE SOLUTIONS INCLUDING GRAINGER SKU NUMBERS

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FOOD GRADE SOLUTIONS INCLUDING GRAINGER SKU NUMBERS

POLY-TEMP® VSP PTFE Valve Stem Packing

100% TFE fluorocarbon that withstands vibration, severe corrosion, high temp and pressure conditions. Its pliability allows the PTFE to conform to worn valve stems and stuffing boxes. Virtually inert to all chemicals. Long service life, never hardens. Meets FDA Requirements 21 CFR 177.1550. Withstands temperatures of -400° to 500°F (-240° to 260°C).

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|----------------|-----------|-----------|-----------|-----------|----------|-----------|----------|
| Available In: | 3/32"x20' | 3/32"x50' | 5/32"x10' | 5/32"x25' | 7/32"x7' | 7/32"x15' | 9/32"x9' |
| AST P/N: | 19093 | 19094 | 19155 | 19156 | 19217 | 19218 | 19281 |
| Grainger SKU#: | 4X773 | NA | 5X585 | NA | 5X720 | NA | NA |



AST-RTV™ Silicone Adhesive/Sealant/Instant Gasket

Superior caulking, bonding, and sealing qualities. Resists chemicals, temperature extremes, weather, vibration, moisture, and ozone. Will not sag, run off, or shrink. Functions as a specialty sealant and flexible adhesive. Can be used for gasketing, sealing, bonding, insulating, caulking, encapsulating, and coating. Meets FDA Requirements 21 CFR 177.200. Temperatures ranging from -75° to 450°F (-590° to 232°C), Hi-Temp Red -85° to 500°F (-65° to 260°C) continuous and to 600°F (315°C) intermittent exposure.

| | | | | | | | |
|------------------|--------|---------|--------|--------|--------|----------|------------------|
| Available In: | WHITE | HI-TEMP | CLEAR | BLUE | BLACK | ALUMINUM | FOOD GRADE WHITE |
| 10.3OZ CART P/N: | 27104 | 27105 | 27106 | 27107 | 27108 | 27109 | 27110 |
| Grainger SKU#: | 23YC46 | 23YC47 | 23YC48 | 23YC49 | 23YC50 | 23YC51 | NA |

| | | | | | | | |
|----------------|-------|---------|-------|-------|--------|----------|--------|
| Available In: | WHITE | HI-TEMP | CLEAR | BLUE | BLACK | ALUMINUM | ALMOND |
| 8OZ PRESS P/N: | 27084 | 27085 | 27086 | 27087 | 27088 | 27089 | 27082 |
| Grainger SKU#: | 4UJ98 | 5E144 | 5E145 | 5E146 | 34D504 | 4UJ99 | 5NTP7 |

| | | | |
|----------------|--------|---------|--------|
| Available In: | WHITE | HI-TEMP | CLEAR |
| 3OZ TUBE P/N: | 27034 | 27035 | 27036 |
| Grainger SKU#: | 23YC52 | 23YC53 | 23YC54 |



AST™ SILICONE LUBRICANT (Food Grade)

A universal lubricant. Ideal for most plastic and rubber lubrication. NSF H-1, meets FDA requirements 21 CFR 175.300. Greaseless, waterproof. Temperature range: -40° to 400°F.

| | |
|---------------|-----------------|
| Available In: | 9.25oz aerosol* |
| P/N: | 17065 |



FOOD MACHINERY LUBE (Food Grade)

A U.S. Pharmaceutical Grade (USP) mineral-oil based lubricant for use on equipment where food comes in incidental contact. H-1 rated, meets FDA requirements 21 CFR 172.878 and 21 CFR 178.3620.

| | |
|---------------|---------------|
| Available In: | 15oz aerosol* |
| P/N: | 17060 |



FOOD MACHINERY GREASE White Food Grade NLGI-2

A multi-purpose lubricant for Food Processing Industry equipment. Superior water and chemical resistance against fruit juices, carbonated beverages, salt water, beer, acetic acid, and detergents. NSF H-1 and FDA requirements 21 CFR 178.3570 for incidental food contact. Resistant to equipment wash downs. Temps, 10° to 470°F (-12° to 243°C).

| | | | | |
|---------------|-----------|----------|----------|-----------|
| Available In: | 14oz cart | 14oz can | 5lb pail | 35lb pail |
| AST P/N: | 24014 | 24016 | 24005 | 24035 |



SG-ONE™ (Light or Heavy) Silicone Grease w/PTFE

A clear, dielectric, silicone grease, available in **Light** or **Heavy** Consistency, infused w/PTFE for added lubrication and higher temperatures. FDA and NSF compliant, with no dropping or melting points. Resistant to moisture, dielectric, and has a long service life. Suitable for incidental food contact under FDA requirements 21 CFR 178.3570. Service to 400°F (204°C), intermittent to 450°F (232°C). Meets Military Spec. C.I.D. A-A-59173A (SG-ONE™ Light)

| | | | | |
|----------------|----------|----------|-----------|---------|
| Available In: | 3oz tube | 8oz tube | 14oz cart | 5lb can |
| LIGHT P/N: | 24303 | 24308 | 24314 | 24305 |
| Grainger SKU#: | 23YC39 | 34D501 | 23YC40 | 23YC41 |

| | | | | |
|----------------|----------|----------|-----------|---------|
| Available In: | 3oz tube | 8oz tube | 14oz cart | 5lb can |
| HEAVY P/N: | 24703 | 24708 | 24714 | 24705 |
| Grainger SKU#: | 23YC42 | 23YC43 | 23YC44 | 23YC45 |



On reverse side: TFE™, PURE WHITE™, HI-TEMP FOOD GRADE™, POLY-TEMP® MD, POLY-TEMP® CERAMIC, POLY-TEMP® JOINT

*Aerosol weights may vary due to EPA regulation changes without notice.

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