

## Technical Datasheet

# 70410

### Description

A 40 durometer, clear addition cured silicone rubber compound that meets ASTM D2000M3FE408 (Z1-tensile strength = 970 psi; Z2-heat age tensile strength = -47%)

70410 is designed for optimal re-sealability, low bleed, and ease of puncture.

| Physical Properties  | Actual Value         | Spec. Value  |
|--|----------------------|--------------|
| <b>Original Properties</b> – cured 20 minutes@320F (160C); postcured 4 hrs@392F (200C) |                      |              |
| Specific Gravity   | 1.10                 | 1.10 +/- .03 |
| Hardness (Shore A)   | 41.0                 | 40 +/-5      |
| Tensile Strength   | 1200 psi (0.97 Mpa)  | 900 psi min. |
| Elongation (%)   | 700%                 | 500% min.    |
| Tear Strength, Die C Method  | 105 ppi (18.38 kN/m) | 80 ppi min.  |
| <b>Compression Set</b> - 22hrs@347F (175C)   | 12%                  |              |
| <b>Heat Aging</b> - 70hrs@392F (200C)  |                      |              |
| Hardness (Shore A)   | 42.5                 |              |
| Change   | +1.5 pts             |              |
| Tensile Strength   | 523 psi (3.60 Mpa)   |              |
| Tensile Strength Change  | -47%                 |              |
| Elongation   | 346%                 |              |
| Elongation Change  | -40%                 |              |





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