



Compound  
**19741**  
SILICONE  
SALMON COLORED-70 DURO  
FDA SANCTIONED MATL.  
**PRODUCT DATA SHEET**

Compound 19741 is a 70 durometer salmon colored Silicone elastomer, it is formulated with FDA sanctioned materials to meet the 3A Sanitary specifications. It exhibits good resistance to heat and will remain non brittle at very low temperatures.

This compound will meet or exceed the specifications listed and has the following physical properties:

ASTM D2000 3 FC 710 A19 B37 EO16 EA14 F1-11 G11

5 GE 709 A19 EA14 EO16 EO36 F19

7 GE 707 A19 EA14 EO16 EO36 F19

6 GE 704 A19 EA14 EO16 EO36 F19

3 A Sanitary Standards Class I, II, III & IV

### Original Properties

Modulus @ 100% Elongation	437 psi	3.0 MPa
Tensile Strength	1246 psi	8.6 MPa
Ultimate Elongation	359 %	
Hardness, Shore A	74 Durometer	
Specific Gravity	1.20 grams/cc	
Brittleness Temperature	< -106 °F	< -77 °C
Tear Resistance, Die B	149 ppi	26.1 kN/m

### Compression Set

Solid: 22 hrs @ 347°F (175°C)	23.6 %
Plied: 22 hrs @ 347°F (175°C)	35.0 %

### HEAT AGED: 70 hrs @ 392°F (200°C)

Change - Tensile Strength	+ 4.9 %
Change - Elongation	- 11.4 %
Change - Hardness, Shore A	+ 4

### HEAT AGED: 70 hrs @ 437°F (225°C)

Change - Tensile Strength	- 4.9 %
Change - Elongation	- 19.5 %
Change - Hardness, Shore A	+ 5

### DISTILLED WATER AGED: 70 hrs @ 212°F (100°C)

Change - Hardness, Shore A	0
Change - Volume	+ 0.4 %



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**ASTM OIL #1: 70 hrs @ 302°F (150°C)**

Change - Tensile Strength	- 8.5 %
Change - Elongation	- 19.5 %
Change - Hardness, Shore A	- 5
Change - Volume	+ 5.5 %

**ASTM OIL #3: 70 hrs @ 302°F (150°C)**

Change - Hardness, Shore A	- 28
Change - Volume	+ 48.2 %