



General Features

- Excellent compression set resistance
- Good heat resistance
- High resistance to petroleum oils, greases, and fuels
- Good low temperature performance
- Versatility of use among all types of refrigerants and refrigeration oils

Application

A general purpose CR with good aging resistance for suitability in a variety of sealing applications.

486CT exhibits good resistance to a wide range of petroleum products and refrigeration applications utilizing various families of lubricants while providing excellent low temperature flexibility.



Quad-Ring® Brand Seals



Quad® Brand O-Ring Seals



Quad® Ground Rubber Balls



Equi-Flex™ Rod Wiper/Scraper

Original Properties

Property	Unit	Required	Obtained	ASTM Test Method
Hardness	Shore A	70 ± 5	68	D 2240
Tensile	MPa	10 min	13.8	D 412
Elongation at break	%		209	D 412
100% Modulus	MPa		4.5	D 412
Tear Strength, Die C	kN/m		13.3	D 624
Specific Gravity			1.42	D 297

Air Age

Property	Unit	Obtained	ASTM Test Method
Change after 70h @ 100°C			
Δ Hardness	Shore A	9	D 573
Δ Tensile	%	12	
Δ Elongation	%	-3.3	

CR (Chloroprene) Elastomer Compound 486CT

Fluid Immersion

Property	Unit	Obtained	ASTM Test Method
IRM 901 oil			
Change after 70h @ 100°C			D 471
Δ Hardness	Shore A	1	
Δ Tensile	%	-11.5	
Δ Elongation	%	-18.7	
Δ Volume	%	-5	

Property	Unit	Obtained	ASTM Test Method
IRM 903 oil			
Change after 70h @ 100°C			D 471
Δ Hardness	Shore A	-15	
Δ Tensile	%	-24.2	
Δ Elongation	%	-23.4	
Δ Volume	%	39.8	

Compression Set Resistance

Property	Unit	Obtained	ASTM Test Method
			D 395, Method B
22h @ 100°C	%	11	
70h @ 100°C	%	15.9	

Low Temperature

Property	Obtained	ASTM Test Method
Non-brittleness, 3 min @ -55°C	Pass	D 2137