

# Parco

PARCO, INC.  
1801 S. Archibald Avenue  
Ontario, California 91761  
(909) 947-2200 Fax (909) 923-0288

**MATERIAL CERTIFICATION**

Type AI No. 33420A

Account Name	KAPCO	Account No.	9231-03
Purchase Order	451466-00	Sales Order	40807-01
Customer Part	M8346 1/2-907 Rev. A	Parco Part	0568-907
Material Specification	AMS P 83461 REV. NC	Compound	4367-70
Product	O-RING	Shipping Order	63073
Elastomer	NITRILE	Date Prepared	1/15/2016
Color	BLACK	Prepared By	C. JUSTICE
Quantity Shipped	4.600		

I certify the following about the parts described above:

1. Parco manufactured the parts as follows: Batch 52510 Date Cured 4Q 15.
2. The following acceptance testing shows conformance to the requirements of MIL-P-83461B. (Amendment 3) paragraph 4.4.5. and AMS-P-83461, Rev. N/C, paragraph 4.4.5.

Physical Property	Requirement	Result	ASTM Test Method
<b>Batch (from M83461/1-214 O-rings):</b>			
Original physical properties:			
Hardness, Shore A <sup>(a)</sup>	70 to 80	75	D2240
Specific gravity	1.23 to 1.27	1.24	D297
Tensile strength, psi	1350 to 1984	1755	D1414
Ultimate elongation, percent	125 to 180	132	D1414
Modulus at 100 pct. elongation, psi, min.	650	1114	D1414
Temperature retraction, TR-10, °F, max.	-49	-55	D1329
Fluid Aging, ARM 201 (AMS 3020):			Para.
70 hours at 135°C (275°F)			4.6.2
Compression Set.			
percent of original deflection, max.	35	17	
Temperature retraction, TR-10, °F, max.	-49	-53	
Hardness change, pts., Shore A <sup>(a)</sup>	-10 to 5	-2	
Volume change, percent	10 to 20	12	
Compression set.			D395
70 hours at 135°C (275°F)			Method B
percent of original deflection, max.	67	49	D1414

<sup>(a)</sup> Hardness and hardness change tested from standard hardness disc.

3. Parco compound 4367-70 is listed on PRI-QPL-AMS-P-83461, letter dated August 27, 2015.
4. The shelf life of the parts is 15 years from the the cure date (according to SAE ARP5316, Storage of Aerospace Elastomeric Seals ...).

Supplemental Information: SHELF LIFE 15 YEARS, COUNTRY OF ORIGIN USA



  
Carl Horn, Vice President, Quality

Distribution: 2 copies to customer.  
FORM 2493 Rev. 10/15

This is a revised certification. It replaces the previous certification 33420 prepared 1/6/2016.

**ICN: 446406, Doc Date: 1/19/2016 CERTIFIED TRUE COPY**

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PACKING LIST 60727

Ship To  
KAPCO-GLOBAL CT  
1 INDUSTRIAL PARK ROAD  
CENTERBROOK CT 06409  
KAPCO  
Bill PTY  
To 3120 EAST ENTERPRISE STREET  
BREA CA 92821

Purchase Order 451466-00  
Buyer COREY  
Specification AMS P 83461  
Certification Type AI  
Sales Order 40807  
Date Entered 12/02/15  
Account 9231-03 01/06/16  
Date Shipped Shipped Via UPS GRD COL/3RD  
Bill of Lading 1Z9299310353014100  
No. of Cartons 1  
Gross Weight (Lbs) 3

Line	Customer Part	Rev	Part	Compound	Quantity Remaining	Quantity	This Shipment Batch	Date Cured
01	M83461/2-907 O-RING (DIV 57) 75-DUROMETER	A	0568-907	4367-70	4,600 NET WT.	4,600 2.22 LBS.	52510	4Q 15

#### Remarks

SHIPPING: CURE DATE MAY NOT BE MORE THAN  
9 QUARTERS OLD.  
SHIPPING: UPS COLLECT ACCT# 979-375  
QC CLERK: COUNTRY OF ORIGIN AND  
SHELF LIFE IS REQUIRED ON CERT

#### MATERIAL CERTIFICATION

See Separate Certificaton

SHIPPING: DO NOT SHIP PARTIALS

Inspected By	Packed By	Shipped By	Approved By
	MAO	MT	MT

REPLACEMENT COPY

Form 2448 11/95

RECTD.  
01-13-2016

B 446406



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