



DIRECT GASKETS LIMITED
 UNITS 26 - 36
 DANSOM LANE SOUTH
 HULL
 HU8 7LA



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 FAX: 01482 321162 WEBSITE: www.direct-gaskets.co.uk

NITRILE 70° 'O' RING CORD

BLACK - GENERAL SERVICE: -35°C to +110°C

SPECIFICATION - ASTM D2000 M2BG710 B14 EA14 EO14 EO34	TEST	SPEC	ASTM METHOD
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ORIGINAL PROPERTIES			
HARDNESS, SHORE A	73	70+/-5	D 2240
TENSILE STRENGTH, min, MPa	14.7	10	D 412
ELONGATION, min, %	350	250	D 412

COMPRESSION SET, METHOD B			D 2240
22 HRS @ 100°C, max, %	13	25	

IRM 901 OIL RESISTANCE, 70 HRS @ 100°C			D471
HARDNESS CHANGE, points	+2	-5/+10	
TENSILE STRENGTH CHANGE, %	+9	-25	
ELONGATION CHANGE, max, %	-15	-45	
VOLUME CHANGE, %	-3	-10/+5	

ALL PRESSURES AND TEMPERATURES ARE SUBJECT TO INDIVIDUAL APPLICATION



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SPECIFICATION - ASTM D2000 M2BG710 B14 EA14 EO14 EO34	TEST	SPEC	ASTM METHOD
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IRM 903 OIL RESISTANCE, 70 HRS @ 100°C			D471
HARDNESS CHANGE, points	-10	-10/+5	
TENSILE CHANGE, max, %	-19	-45	
ELONGATION CHANGE, max, %	-22	-45	
VOLUME CHANGE, %	+17	0/+25	

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NITRILE 70° 'O' RING CORD

NITRILE CORD TOLERANCE

NITRILE CORD TOLERANCE

1.78	0.2
2	0.2
2.4	0.25
2.5	0.25
2.62	0.25

6	0.4
6.35	0.55
6.5	0.55
6.99	0.55
7	0.55

3	0.25
3.2	0.35
3.5	0.35
3.53	0.35
4	0.35

7.5	0.55
8	0.55
8.4	0.55
8.5	0.55
9	0.55

4.5	0.4
5	0.4
5.33	0.4
5.5	0.4
5.7	0.4

10	0.55
11	0.65
12	0.65
13	0.65
14	0.65

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NITRILE 70° 'O' RING CORD

NITRILE CORD TOLERANCE

15	0.65
16	0.65
18	0.85
20	0.85
22	0.85
25	1
30	1

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