



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



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WHITE SILICONE 70° 'O' RING

WHITE - GENERAL SERVICE: -55°C to +225°C

SPECIFICATION - ASTM D2000 M7GE705 A19 B37 EO16 EO36	TEST	SPEC
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PHYSICAL PROPERTIES		
PRESS CURE @ 170°C FOR 10 MINS		
POST CURE @ 200°C FOR 4 HRS		
HARDNESS, SHORE A	71	70 +/-5
TENSILE STRENGTH, MPa	5.2	5
ELONGATION, %	184	150
SPECIFIC GRAVITY	1.305	

HEAT RESISTANCE @ 225°C FOR 70 HRS		
HARDNESS CHANGE, points	0	+/-10
TENSILE STRENGTH CHANGE, %	-2	-25
ELONGATION CHANGE, %	-3	-30

ALL PRESSURES AND TEMPERATURES ARE SUBJECT TO INDIVIDUAL APPLICATION



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COMPRESSION SET		
PRESS CURE @ 170°C FOR 20 MINS		
POST CURE @ 200°C FOR 4 HRS		
HEAT AGEING @ 175°C FOR 22 HRS	17	30

ASTM No. 1 OIL IMMERSION @ 150°C FOR 70 HRS		
HARDNESS CHANGE, points	-3	0/-15
TENSILE CHANGE, %	-19.4	-20
ELONGATION CHANGE, %	-17	-20
VOLUME CHANGE, %	+4	0/+15

ASTM IRM 903 OIL IMMERSION @ 150°C FOR 70 HRS		
HARDNESS CHANGE, points	-19	-40
VOLUME CHANGE, %	+22	+60

LOW TEMPERATURE BRITTLENESS @ -50°C FOR 3 MINS	NON BRITILE
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