

MATERIAL DATA SHEET

DESCRIPTION

THETFORD BATTERY / LOCKER SEAL



ORDER CODE

CS 3087

PARAMETER	VALUE
BASE MATERIAL	BLACK EPDM
HARDNESS	65 – 75° SHORE A
TENSILE STRENGTH	10MPA
ELONGATION @ BREAK	500%
TEAR STRENGTH	50KN/M
COMPRESSION SET (22 HOURS @ 70°C)	21%
OZONE RESISTANCE (72 HOURS @ 40°C, 25 PPHM, 20% EXT)	NO CRACKS
TEMPERATURE RANGE	-40°C TO +120°C
<u>AGED 70 HOURS @ 70°C</u>	
HARDNESS CHANGE	0° SHORE A
TENSILE STRENGTH CHANGE	+9%
ELONGATION @ BREAK CHANGE	0%
SPONGE MATERIAL	BLACK EPDM SPONGE
DENSITY RANGE	0.5 – 0.9 G/CM ³
WATER ABSORPTION	5% (MAX)

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PARAMETER	VALUE
COMPRESSION SET (22 HOURS @ R/T)	50%
OZONE RESISTANCE	EXCELLENT
WEATHER RESISTANCE	EXCELLENT
UV LIGHT RESISTANCE	EXCELLENT
MOULD GROWTH RESISTANCE	VERY GOOD
OIL RESISTANCE	NO
LOW TEMPERATURE FLEXIBILITY (-40°C)	PASS
OVEN AGEING (7 DAYS @ 70°C)	±30%