

## MATERIAL DATA SHEET

DESCRIPTION

**DUAL HARDNESS BLACK EPDM SELF ADHESIVE BULB SEAL WITH FLIPPER**



ORDER CODE

**HHS 624**

PARAMETER	VALUE
BASE MATERIAL	BLACK EPDM
HARDNESS	65 – 75° SHORE A
TENSILE STRENGTH	11MPA
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 EXPANDED EPDM
DENSITY RANGE	0.5 – 0.9G/CM <sup>3</sup>

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**HHS 624 CONTINUED**

WATER ABSORPTION	5% (MAX)
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%
ADHESIVE TAPE	3M ACRYLIC FOAM
TAPE THICKNESS WITHOUT LINER	0.8MM ± 0.1MM
COLOUR	GREY
DENSITY	650 ± 100KG/M <sup>3</sup>
ADHESIVE TO EPDM	E2 HEAT ACTIVATED
ADHESIVE LINER SIDE	AR7 ACRYLATE
T-PEEL TO RUBBER (24 HOURS @ R/T)	18N/CM
SHELF LIFE (STORED @ 20°C 50% HUMIDITY)	12 MONTHS