

## MATERIAL DATA SHEET

DESCRIPTION

**WATERTIGHT DOOR AND HATCH SEAL  
35MM WIDE X 20MM HIGH X 10M LONG**



ORDER CODE

**WDHS 3746**

PARAMETER	VALUE
MATERIAL – OUTER SKIN	BLACK NEOPRENE / NATURAL – SBR BLEND RUBBER
HARDNESS	60 – 70° SHORE A
SPECIFIC GRAVITY	1.30
TENSILE STRENGTH	4MPA
COMPRESSION SET – 20% DEFLECTION @ 70°C (ASTM D1056)	15% (MAX)
ELONGATION @ BREAK	200%
TEMPERATURE RANGE	-20°C TO +120°C
MATERIAL – INNER CORE	BLACK OPEN CELL NATURAL RUBBER
HARDNESS	10 – 18° (AVE) SHORE A
DENSITY (*2117/12/1A2 -ASTM D1056-85 (1A2) MEDIUM)	420KG/M <sup>3</sup>
TENSILE STRENGTH (DIN 53577)	295KPA
COMPRESSION DEFLECTION @ 25% (ASTM D1056)	50KPA
COMPRESSION SET – 50% DEFLECTION @ 70°C (ASTM D1056)	15% (MAX)

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WDHS 3746 CONTINUED

PARAMETER	VALUE
ELONGATION @ BREAK	250%
TEMPERATURE RANGE	-40°C TO +70°C INTERMITTENT +85°C
ACCELERATED AGEING – CHANGE IN COMPRESSION DEFLECTION @ 70°C	±20%