

MATERIAL DATA SHEET

ORDER CODE

ETS 59



<u>RUBBER</u>	
MATERIAL	BLACK EPDM
HARDNESS (IRHD)	75-85 °SHORE A
TENSILE STRENGTH (ASTM D2240)	80KG/CM ² (MIN)
TEAR STRENGTH (ASTM D624)	3KG/MM (MIN)
BRITTLE POINT (ASTM D746)	-40 °C
TEMPERATURE RANGE	-40 °C TO +120 °C
<u>AGED 70 HOURS @ 70 °C</u>	
HARDNESS CHANGE (IRHD)	+2
TENSILE CHANGE	+15%
COMPRESSION SET (ASTM D395)	40% (MAX)
OZONE RESISTANCE (70 HOURS @ 50 °C, 50 PPHM, 20% EXT)	NO CRACKS
<u>METAL INSERT</u>	
MATERIAL (UNI 5961-67)	STEEL
H.R.B. (ROCKWELL HARDNESS)	80-90
TENSILE STRENGTH	50KG/MM (MIN)

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ETS 59 CONTINUED

<u>SPONGE RUBBER (BULB)</u>	
MATERIAL	BLACK EPDM
VOLUME MASS (INDICATIVE)	500-700G/DM ³
BRITTLE POINT (ASTM D746)	-40 °C
OZONE RESISTANCE (70 HOURS @ 50 °C, 50 PPHM, 50% EXT)	NO CRACKS
WATER ABSORPTION (ASTM D1056) 22 HOURS @ 23 °C	1-2% (MAX)
<u>PROFILE PROPERTIES</u>	
COMPRESSION SET (ASTM D1056) 7 DAYS @ 70 °C	50% (MAX)
STAIN OF RUBBER IN CONTACT WITH ORGANIC FINISH	
- MIGRATION STAIN	SATISFACTORY
- CONTACT STAIN	SATISFACTORY
- COLOUR FASTNESS (ASTM D750)	SATISFACTORY

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