

## 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 <sup>2</sup> (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 <sup>3</sup>
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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