

Technical Data Sheet - SD1001-576

NSF-61 Approved Gaskets

TECHNICAL SPECIFICATIONS

NSF-61 Approved Gaskets

Specification ASTM D2000: 1BA715Z1 | Z1=Hardness 75 +/-5 Shore A

ASTM D1330 Grades 1 & 2 and Meets AWWA Standard C11/A21.11

Polymer: Ethylene Propylene (EPDM)

GRADE	Specification
FINISH	Smooth
POWDER	No
TRIMMED	Yes
COLOR	Black

ASTM	Description	Value
	SPECIFIC GRAVITY (gr/cc)	1.17
D2240	HARDNESS (shore A)	75 +/-5
D412	TENSILE (psi)	1500 min.
	ULTIMATE ELONGATION (%)	250 min.
D2137	COLD TEMPERATURE	-40°C/ °F min.
D1149	OZONE RESISTANCE	72 hrs 100 pphm @ 40°C (104°F) No cracking
D395B	COMPRESSION SET	22 hrs @ 70°C (158°F) 20% max.
D573	HEAT AGING	70 hrs @ 100°C (212°F) Changed Hardness: +/-15 points max. Tensile: +/- -30 max. Elongation: -50% max.
Pressure, Maximum, psig (bar) Maximum *P x T (1/16 inch) *Pressure x Temperature		250 (17) 30,000 (°F x psig)
D149	DIELECTRIC PROPERTIES, range, volts/mil Sample conditioning None	< 2 (1/8")
TEMPERATURE RANGE (general guideline)		-40° to 275°F (-40° to 135°C)

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