Rapid Die Cut

4.0 - 8.0# Expanded Foam (EFO)

EF0 is an EPDM, super soft, crushed foam product produced in continous rolls. This product meets ASTM D 1056 1A0 requirements with an exception to elevated temperature compression set. This product meets various automotive specifications and is an excellent solution for low temperature, outdoor and/or noise reduction applications.

TECHNICAL DATA SHEET | ROLL (EFFECTIVE 24FEB25)

Expanded Foam (EFO)

PHYSICAL PROPERTY	TEST METHOD	UNIT	VALUE
Color	–	–	Black
ASTM D 1056 Designation	–	–	1A0*
Cell Structure	–	–	Semi-Closed
Service Temperature	ASTM D1056	°F °C	-103 – 250 -75 – 121
Flammability	FMVSS 302	in/minute mm/minute	3.94 max 100 max
	Passes at	in mm	0.125 and higher 3.18 and higher
Density	ASTM D1056	lb/ft^3 kg/m^3	4.37 – 6.24 70 – 100
Compression Set	ASTM D1056	%	9 max
Compression Set (Elevated Temp)	ASTM D1056	%	85 max
Tensile Strength	ASTM D412 (Die A)	psi kPa	16 min 110 min
Elongation	ASTM D412 (Die A)	%	150 min
Tear Strength	ASTM D624 (Die C)	lb/in kN/m	4.85 min 0.85 min
Compression Deflection 25%	ASTM D1056	psi kPa	0.80 max 5.51 max
Compression Deflection 50%	ASTM D1056	psi kPa	1.20 max 8.27 max

*ASTM D1056 Exception: 50% compression set at elevated temperature 70°C (158°F)

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