

TECHNICAL DATASHEET: C41ECH Foam

PRODUCT DESCRIPTION

Epichlorohydrin (ECH) foam, soft/conformable foam, where ease of compression is needed.

TYPICAL APPLICATIONS

- Any high temperature environment where gasket/seal will be exposed to fuel and/or oil

PRODUCT FEATURES & BENEFITS

- Wide temperature range (high and low)
- Low swell when in contact with oil and fuel

TECHNICAL DATA	VALUE	TEST METHOD / STANDARD
THICKNESS	1/16", 1/8", 3/16", 1/4"	
COLOR	Black	
POLYMER	Epichlorohydrin Foam	
COMPRESSION DEFLECTION @ 25%	2 - 5 psi	ASTM D1056
COMPRESSION DEFLECTION CHANGE AFTER OVEN AGING (MAX)	±30%	ASTM D1056
DENSITY	15 lb/ft ³	ASTM D1056
COMPRESSION SET (MAX)	25%	ASTM D1056
WATER ABSORPTION (MAX)	5%	ASTM D1056
TENSILE STRENGTH	120 psi	ASTM D412
ELONGATION	250%	ASTM D412
FLAME RETARDANT	Yes	
FMVSS-302	Pass	
TEAR STRENGTH	18 lb/in	ASTM D624
SERVICE TEMPERATURE	-40°F to 325°F	
ASTM D1056-07	2B1	
ASTM D1056 SUFFIX'S	B2, F1, M	

Specifications are believed to be accurate at the time of publication and are subject to change without notice. It is the responsibility of the end-user to test and determine suitability of this material for a particular application. **REV. 0**