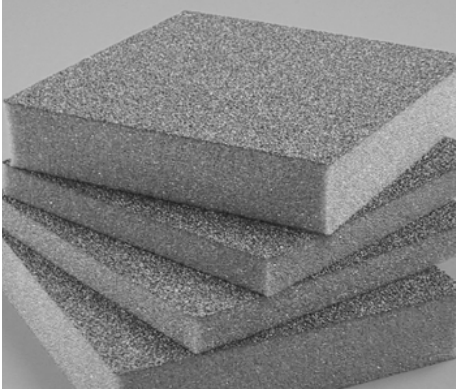


TUFCOTE® TBK Faced Foam Controls Noise in Harsh Applications



- Toughness, durability
- Non-glare finish
- Matte black surface
- Puncture resistance
- Protection against soil, fluids
- Eye-appealing fine texture

Product Applications

Engine compartments

Vehicle cabs

Machinery housings

Generators, pumps, compressors

Commercial appliances

Vending machines

HVAC systems

Medical equipment

TUFCOTE TBK acoustical foam features a tough, puncture-resistant textured urethane facing on an economical, acoustically efficient layer of polyether foam. The matte, textured facing is both decorative and functional. It protects against fluids, making the foam ideal for noise control in environments where it may be exposed to grease or oils. Unlike foil facings, the non-glare surface provides a smoother appearance over irregular substrates and will not reflect or magnify adjacent surfaces.

TUFCOTE TBK foam is available in thicknesses, of 1/4, 1/2, 3/4, 1- and 2-inches. The urethane facing, which coats the tiny recesses in the foam's top surface, measures a nominal 2.5-mils thick. Standard rolls are 54-inches wide and 200 feet long for 1/4- and 1/2-inch, 100-feet long for 3/4- and 1-inch and 50-feet long for 2-inches. The foam can be purchased with SBR or acrylic adhesive. It also readily accepts other adhesive packages and is easily die cut or laminated. Standard TBK faced foams meet the HBF rating of the UL94 horizontal flame test.

TUFCOTE TBK Faced Foam

Typical Properties

Property	H-Series	
Description		
Top Surface	2.5 mil Black Urethane	
Weight Nominal kg/m² (lb/ft²)		
ASTM D3574	.98 (.20)	
Density Nominal kg/m³ (lb/ft³)		
ASTM D3574	28.8-32.0 (1.8-2.0)	
Flammability		
UL94	Meets HBF	
MVSS-302	Meets	
Random Incidence Absorption Coefficient		
ASTM C423-90a and ASTM E795-00 (Mounting A)	1 in (H-100TBK)	2 in (H-200TBK)
@125Hz	0.12	0.35
@250 Hz	0.24	0.58
@500 Hz	0.59	1.03
@1000 Hz	0.93	1.10
@2000 Hz	1.04	0.90
@4000 Hz	0.80	0.92
NRC	0.70	0.90
Tensile Strength kPa (psi)		
ASTM D3574	128 (18.5)	
Tear Strength kN/m (lbf/in)		
ASTM D1004	1.6 (9.0)	
Elongation (%)		
ASTM D3574	121	

The data listed in this materials summary are typical or average values based on tests conducted by independent laboratories or by the manufacturer. They are indicative only of the results obtained in such tests and should not be considered as guaranteed maximums or minimums. Materials must be tested under actual service to determine their suitability for a particular purpose.