

Open Cell Sealing & Gasketing Tapes are made of open cell, compressible PVC, Polyethylene, Polyurethane and various other foams, intended for use in dry applications.

Open cell foam sealants and gasketing materials are usually less expensive and more compressible than closed cell materials. Open cell foams, particularly, are intended for use in specific applications. Because of their open cell structure, most are not used in environmentally sensitive areas, such as outdoors or high humidity areas, mainly due to their characteristic of absorbing / wicking moisture. These foams are very conformable and have excellent sound absorption qualities.

Formulations:

POLYETHER FOAM: Inexpensive, soft and compressible, general purpose foam that will perform marginally well in outdoor applications

POLYESTER FOAM: Very similar in characteristics to polyether, except it can be UL rated, is somewhat stiffer, absorbs sound better, but will degrade outdoors

HIGH DENSITY PVC FOAM: 15-25 lb. density, firm density ideal for vibration dampening, and shock absorption

POLYETHYLENE FOAM: Various versions available. Non crosslinked can be open cell and is usually found in spacer, dunnage, and cushioning applications

NEOPRENE SPONGE FOAM: Blended material with excellent compression recovery and anti-skid properties

MICROCELLULAR POLYURETHANE FOAM: One of the best foams for abrasion resistance, compression recovery / resistance, shock absorption, and low outgassing

Shape: Rolls, strips, spools, sheets, die-cut and fabricated parts

Finish: Skinned or unskinned, limited textures available (depending on the particular type of foam)

Thickness: .020" - 6" (depending on the particular type of foam)

Width: 1/8" - 72" (depending on the particular type of foam)

Length: To 200' (virtually unlimited on a custom basis)

Color: Black, Gray, & White are most common (depending particular type of foam)

Packaging: Individually boxed, bagged, or bulk packed

Note: Not all formulations are available in every configuration

Typical Applications:

- Environmental - dust & dirt seals, water and moisture seals
- Lighting - light dams, space fillers
- Mechanical - vibration dampening, cushioning
- HVAC (Heating, Ventilation, Air Conditioning) - air filters, sound absorption, thermal barriers and insulating
- OEM (Original Equipment Manufacturing) - padding, shock absorbers, gaskets, filters

General Characteristics:

- Available with or without Pressure Sensitive Adhesive (PSA) on one side, or two
- Available with rubber or acrylic adhesive, both direct coated and on a carrier
- Many densities and compression values available
- Foams are dimensionally stable, will not run, ooze, drip, or slip while under compression
- Low deflection reduces movement of adjacent materials
- Gray, Black, and White are the most common colors
- Wide application temperature range
- Fire-retardant (UL & CSA) formulations available
- Resistance to weather, fungi & oxidation, depending on the formulation
- Excellent conformability to curved or irregular surfaces, depending on the formulation
- Excellent shock & sound absorption properties
- Cleaner and easier to apply than pumpable sealants
- Wide range of thickness' and widths available