



24BB

Expanded PTFE Gasket Tape

Construction:

Style 24BB gasket tape is produced by expanding 100% virgin PTFE into a highly fibrillated structure which is softer and more flexible than regular PTFE, and thus conforms easily to irregular and rough surfaces. In addition, the expanded material is easier to compress and exhibits excellent resistance to creep and cold flow. The style 24BB gasket tape is supplied as a continuous tape with a self-adhesive backing strip to facilitate easy installation.

Application:

Style 24BB easily seals flanges with rough or irregular surfaces and requires less bolt torque than other gasket materials. It is particularly suited for sealing glass lined and plastic flanges. Made from 100% virgin PTFE, this style can be used to seal all aggressive chemicals over the entire 0 to 14 pH range, except for molten alkali metals and elemental fluorine. It will not contaminate or discolor flow media and it is suitable for FDA service. It has no smell or taste. It is neither contaminating nor toxic and it fulfills the FDA 21 CFR 177.1550 Perfluorocarbon Regulations.

Advantages:

Quick and simple installation-adhesive strip makes installation easier;
Excellent malleability-compensates for small damage and uneven areas on the flange faces;
Exceptional thermal and chemical stability-makes this material very versatile;
Low risk-the versatility of 24 BB eliminates the risk of using wrong material for a certain application;
Gaskets can be cut and/or punched from 24 BB;
Easy to handle, like sheet material, but in roll-form
Enhance existing design- can be used as a laminate or wrap on current gasket (e.g. metallic or semi-metallic) to significantly increase sealing ability.

Typical Physical Properties:

Temperature	Minimum:	-450°F (-268°C)
	Maximum Service:	500°F (260°C)
	Short Term Max:	600°F (315°C)
Pressure	Vacuum up to:	2900 psi (200 bar)
Color	White	
pH	0-14*	
Density	0.75 g/cm ³ ,	+/- 0.1g/cm ³

*except molten alkali metals and elemental fluorine at high temperature and pressure

Approvals:

- WRc
- FDA
- EU 1935/2004

Properties and application parameters shown throughout this data sheet are typical. Your specific application should not be undertaken without independent study and evaluation for suitability. For specific application recommendations consult Hanna Rubber. Failure to select proper sealing products could result in property damage and/or serious personal injury. Specifications are subject to change without notice; this edition cancels all previous issues.

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