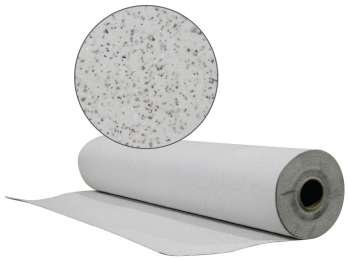
Danville Office
55, route 116 Ouest
Danville (Québec) Canada
J0A 1A0

Phone: 819-839-2793
Fax: 819-839-2797
Toll-free: 800-567-2728
E-mail: info@industries3r.com

CERAMIC

3R2333



Description

The 3R2333 expandable paper is produced from a unique blend of high-purity ceramic fibers, special additives, and organic binders. At maximum expansion of approximately 1200°F, the paper expands up to 400% of its thickness. These results demonstrate that this product is excellent for fabricating seals. It is also recommended for its excellent flexibility, outstanding handling characteristics, and high-insulating value. However, during heat up and expansion, there will be some additional out-gassing of the expandable additives.

Applications

This expandable ceramic paper can be used to fabricate high temperature seals and industrial furnace joints, expansion joint insulation and protection against fire.

Specifications

Physical properties	
Color	Grey
Density	15-18 pcf
Thickness	1/16", 1/8"
Temperature	Continuous: 1150°C (2100°F), Short period: 1260°C (2300°F), Melting point: 1760°C (3200°F)
Expansion Characteristics, % increase Temperature @ 205° C (400°F) 1/8"	86
Expansion Characteristics, % increase Temperature @ 540° C (1004°F) 1/8"	419

Expansion Characteristics, % increase Temperature @ 790° C (1454°F) 1/8"	414
Expansion Characteristics, % increase Temperature @ 980° C (1798°F) 1/8"	358
Expansion Characteristics, % increase Temperature @ 205° C (400°F) 1/16"	132
Expansion Characteristics, % increase Temperature @ 540° C (1004°F) 1/16"	385
Expansion Characteristics, % increase Temperature @ 790° C (1454°F) 1/16"	503
Expansion Characteristics, % increase Temperature @ 980° C (1798°F) 1/16"	530