

PRODUCT DESCRIPTION

FutureFlex™ is a compressible, flexible, closed-cell polyethylene joint filler supplied in 25m coils of 10mm thickness and 12.5m- 15m of 20mm thickness. FutureFlex™ is available in roll form of 75, 100, 125, 150, 200, 250 and 300mm high; custom heights are also available to assist in forming a slot to accept joint seal-ants. FutureFlex™ comes with both adhesive and non-adhesive backing.



BENEFITS

- Non-absorbent
Willingly compressible
- Free of CFC
- Can be easily cut at any site
- Foam recovers excellently after compression
- Won't rot

AREAS OF APPLICATION

- Concrete footpaths, pavements and roads
- All concrete excluding/retaining structures
- Below ground cellars, tunnels or basements
- Brick and block work
- Grounded/suspended concrete slabs

PHYSICAL PROPERTIES FOR 25kg/m³ DENSITY

Property	Typical Value	Test Method
Density	25 kg/m ³ (nominal)	Internal
Tensile Strength	3.3 kg/cm ² (longitudinal) 1.8 kg/cm ² (crosswise)	JIS K6767
Elongation	240% (longitudinal) 140% (crosswise)	JIS K6767
Tear Strength	2.0 kg/cm (longitudinal) 1.3 kg/cm (crosswise)	JIS K6767
Compression Strength	0.30 kg/cm ² @ 25% deflection 0.85 kg/cm ² @ 50% deflection	Internal
Hot Sealant Penetration	Zero	RTA T1154
Extrusion during Compression	1.3 mm	ASTM D545
Recovery after Compression	100% after 10 minutes	ASTM D545
Water Absorbtion	0.09 mg/cm ²	JIS K6767
Water Vapour Permeability	5.7 x 10 ⁻¹⁴ kg/s.m.Pa	ASTM E96