

Soltex Expansion Seals & Joint Fillers

Description:

Soltex Expansion seals provide a subtle yet crucial function in a wide variety of construction applications. The key purpose of an expansion seal is to provide a flexible connection point between two concrete, cement, or similar structures. Our TPE expansion seal profiles provide excellent abrasion and impact resistance. This enables our expansion seals to provide a superior life expectancy compared to similar alternatives.

Once installed, our TPE expansion seal profiles create a bridge that absorbs the energy created from the two structures moving. This aids structures to efficiently cope with the extreme rates of compression caused by everyday use and adverse weather. Aside from absorbing compression, our expansion seal profiles can also create a waterproof seal between two structures. This makes our product ideal for use in bridges and other applications where water and debris can build up.



Key Features:

- A wide selection of profiles available.
- Lightweight with high strength.
- Good abrasion resistance.
- High impact resistance.
- Wide functioning temperature range.
- Superior life expectancy.
- Good ozone & weathering resistance.
- Fast & simple installation.
- Minimal maintenance required.

Typical Uses:

- Car parking garages.
- Large & small scale bridges.
- Heavy concrete walls.
- Roofing.
- Heavy duty traffic.
- High load applications.
- Tunnel construction.
- Water treatment plants.
- Large buildings.
- Heavy load applications.

Technical Data:

Property	Test Method	Value
Colour		Black
Compound		Thermoplastic Elastomer (TPE)
Density	ASTM D792 - ISO 1183	0.97 kg/m ³
Tear Resistance	ASTM D412 - ISO 37	7.4 MPa
Elongation at Break	ASTM D412 - ISO 37	450%
Service Temperature		-50°C to + 90°C
Compression Set (22hrs at 125°C)	ASTM D395 B - ISO 815	30%
Compression Set (22hrs at 125°C)	ASTM D395 B - ISO 815	41%
Hardness (Shore A)		60°-72°

Soltex TPE Expansion Seal Profiles

1119		
Width (mm)	Height (mm)	To Fit Groove (mm)
15.4	13.2	10 - 12.5
MOQ / Coil Length: 25m		

107		
Width (mm)	Height (mm)	To Fit Groove (mm)
16	18	9 - 11
MOQ / Coil Length: 25m		

1439		
Width (mm)	Height (mm)	To Fit Groove (mm)
35	35	15 - 25
MOQ / Coil Length: 25m		

1054		
Width (mm)	Height (mm)	To Fit Groove (mm)
40	27	22 - 28
MOQ / Coil Length: 25m		

1317		
Width (mm)	Height (mm)	To Fit Groove (mm)
65	50	35 - 45
MOQ / Coil Length: 25m		

424		
Width (mm)	Height (mm)	To Fit Groove (mm)
17.5	17	13 - 15
MOQ / Coil Length: 25m		

648B		
Width (mm)	Height (mm)	To Fit Groove (mm)
26	26	19 - 23
MOQ / Coil Length: 25m		

2186		
Width (mm)	Height (mm)	To Fit Groove (mm)
30	28	22 - 26
MOQ / Coil Length: 25m		

648		
Width (mm)	Height (mm)	To Fit Groove (mm)
34	30	25 - 30
MOQ / Coil Length: 25m		

TPE Expansion Seal Profiles

2695		
Width (mm)	Height (mm)	To Fit Groove (mm)
40	36	15 - 25
MOQ / Coil Length: 25m		

864		
Width (mm)	Height (mm)	To Fit Groove (mm)
41	30	30 - 35
MOQ / Coil Length: 25m		

1000		
Width (mm)	Height (mm)	To Fit Groove (mm)
63	40	46 - 52
MOQ / Coil Length: 25m		

1861		
Width (mm)	Height (mm)	To Fit Groove (mm)
80	60	60 - 75
MOQ / Coil Length: 25m		

The information contained on this product information sheet is to be used as guidance. The advice is given in good faith and does not constitute any guarantee or recommendation for suitability. Solco cannot be held liable for any damage caused by incorrect installation. We hereby reserve the right to change the technical information herewith without notification or prior agreement.