

# Slide Guide & Rubber Lined Clip Set

EMFLEX slide guide and clip sets are essential for the correct operation of AXIAL type expansion joints. A pipeline which contains an expansion joint and is anchored at each end can be considered as a load bearing column. Thus when pressure is applied, guides are necessary to prevent bowing and bending.



## TYPE SS

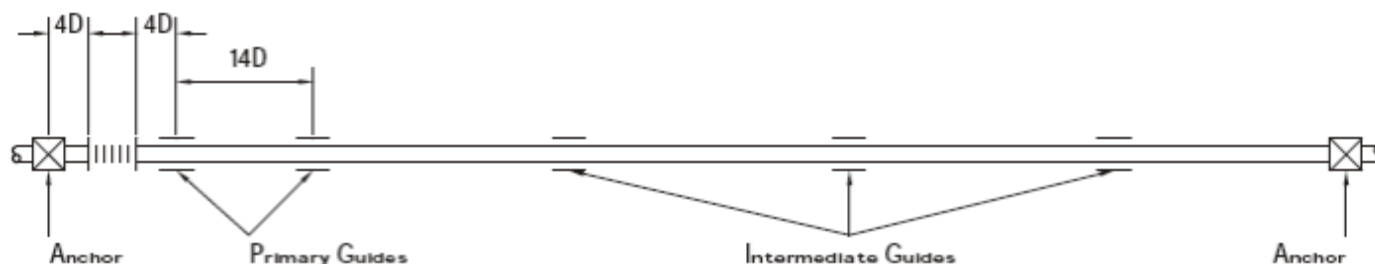
For use on steel pipelines for LPHW (low pressure hot water). Consists of a plated formed steel sliding component and slide rest, incorporating a threaded plated steel fixing (M10 or M12) complete with a single or double rubber lined pipe clip.

## TYPE SSN

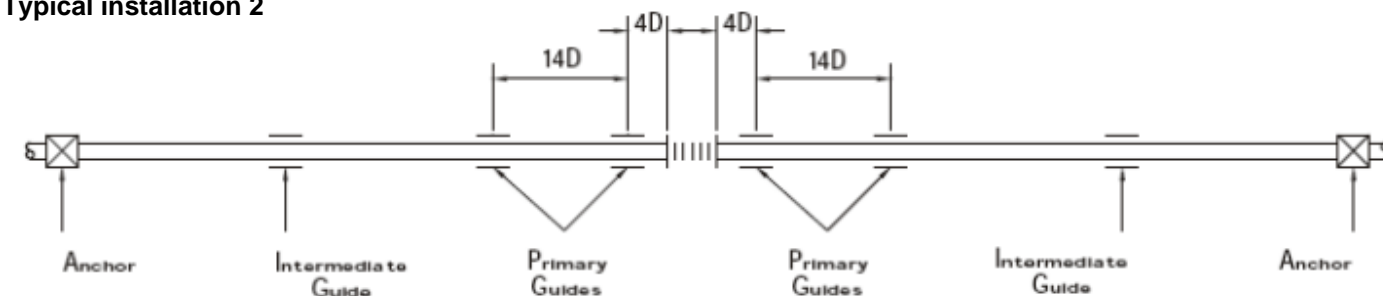
For use on copper pipelines domestic and hot water services. Consists of a plated formed steel sliding component and slide rest, incorporating a threaded plated steel fixing (M10 or M12) complete with a single or double rubber lined pipe clip.

Axial expansion joints are designed to absorb movements generally between 25mm and 80mm, although longer movements of 75mm are available on request. They are fitted in the pipeline, in line with the movement. They require an anchor each end of the system to resist the pressure force and to compress the bellows. The following diagrams show two types of typical installations.

### Typical installation 1

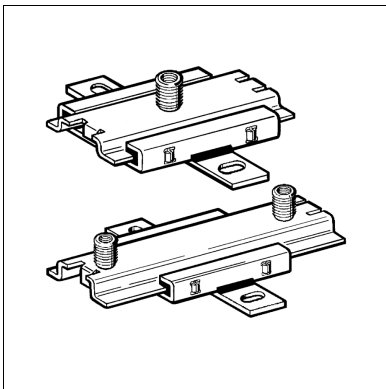


### Typical installation 2



We strongly recommend that this type of slide guide be only used on 80mm nominal bore pipework and below. Please see our type SSHD/SSH DN for further details on pipe slide guides for above 80mm NB pipework.

## Slide Set



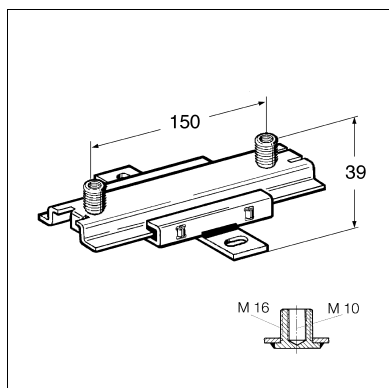
### Application

Slide Set for single and double mounting of mechanical equipment, to be used on Channels, brick or concrete walls and on bearers.

Various connection options with these pipe clamps ranging between M10 and R1". For adapters for these connection options (see Adapter AD f/f).  
Sound absorption by means glass fibre reinforced PA slide rails.

### Technical Data

Permissible load for ceiling mounting: 0.6 kN  
 Permissible load for floor mounting: 1.2 kN  
 Lever arm  $L_{max}$ : 300 mm  
 Max. sliding distance: 140 mm  
 Temperature range (permanent exposure): 130°C



Static friction coefficient  $\mu_0$ : 0.18  
 Sliding friction coefficient  $\mu$ : 0.14

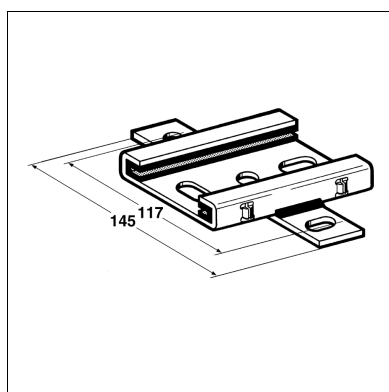
### Material:

Metal components:

Steel, electro-galvanised

Slide bar:

Polyamide, glass fibre reinforced



Adm. load FZ \* under stress of fire

FWD 30 [N]	FWD 60 [N]	FWD 90 [N]	FWD 120 [N]
≤ 600	≤ 430	≤ 280	≤ 200

FZ = max. adm. load

\* The load capacity of the connecting elements used is to be respected, this applies in particular under stress of fire.