



Honel Structural Products
(Pty) Ltd.



TEFLON SLIDING BEARINGS





HONEL STRUCTURAL PRODUCTS TEFLON SLIDE SLIP JOINTS			
REFERENCE:	TONS / METRE:	BEARING PRES- SURE:	WIDTH (mm):
5N50	3	4,8	100 - 400
7N50	4	4,6	100 - 400
8N50	5	5,0	100 - 400
5N70	6	4,9	100 - 400
6N70	7	4,8	100 - 400
7N70	8	4,7	100 - 400
8N70	9	4,6	100 - 400
9N70	10	4,5	100 - 400
10N70	12	4,8	100 - 200
5N100	12	4,8	200 - 400
12N70	14	4,8	100 - 200
6N100	14	4,7	200 - 400
14N70	16	4,7	100 - 200
7N100	16	4,6	200 - 400
16N70	18	4,6	100 - 200
8N100	18	4,5	200 - 400
18N70	20	4,5	100 - 200
6N125	20	4,3	200 - 400
7N125	25	4,6	200 - 400
8N125	30	4,8	200 - 400
7N150	36	4,6	200 - 400

These slip joints are designed to allow for a movement of $\pm 10\text{mm}$ as well as small rotations between the sub-structure and super-structure of buildings, reservoirs, heat exchangers, pipe supports, pedestrian bridges etc, where shrinkage of concrete or small thermal movement needs to be catered for.

The bearing pads comprise of a low-friction laminate of Teflon (PTFE) bonded to an elastomer pad, sliding on a mirror finish material. The shutter is a high density polyethylene material.

The bearings are set equidistantly in a shutter of the same thickness. The bearing plate is then placed over the bearing and shutter. The bearing is then taped all round to prevent the ingress of any dirt and / or slurry.

The total thickness is 7mm and the bearing strips are supplied in 2 metre lengths.

Larger movements and various widths can be catered for as well as specific loads.



HONEL STRUCTURAL PRODUCTS RESILIENT SLIP JOINTS

REFERENCE:	TONS / METRE:	BEARING PRESSURE:	WIDTH (mm):
5R50	3	4,8	100 - 400
7R50	4	4,6	100 - 400
8R50	5	5,0	100 - 400
5R70	6	4,8	100 - 400
6R70	7	4,8	100 - 400
7R70	8	4,6	100 - 400
8R70	9	4,6	100 - 400
9R70	10	4,5	100 - 400
5R100	12	4,8	200 - 400
6R100	14	4,7	200 - 400
7R100	16	4,6	200 - 400
8R100	18	4,5	200 - 400
6N125	20	4,3	200 - 400
7N125	25	4,6	200 - 400
8N125	30	4,8	200 - 400
7N150	36	4,6	200 - 400

These slip joints are designed to allow for a movement of $\pm 3\text{mm}$ as well as small rotations between the sub-structure and super-structure of buildings, reservoirs, heat exchangers, pipe supports, etc, where shrinkage of concrete or small thermal movement needs to be catered for.

The bearing pads comprise of an elastomer pad. The shutter is a high density polyethylene material.

The bearings are set equidistantly in a shutter of the same thickness. The bearing is then taped all round to prevent the ingress of any dirt and / or slurry.

The total thickness is 6mm and the bearing strips are supplied in 2 metre lengths.

Larger movements, special load cases, as well as various widths can be catered for. Please contact our technical department should this be required.