

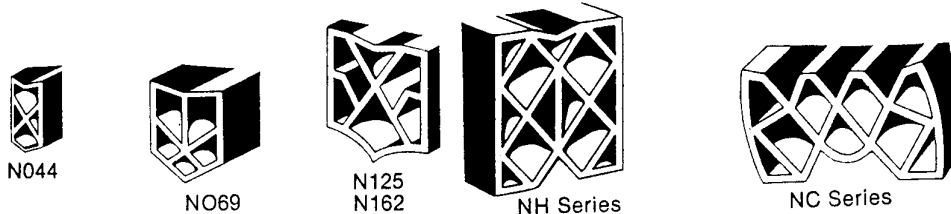
Neoprene Compression Seal



Description

- ◇ Elastomeric neoprene seals have over thirty years of proven durability to effectively waterstop expansion and contraction joints.
- ◇ Three series of seal configuration offer a range of joint movement up to 72mm. Each seal offers nearly double the movement capability of conventional gun-in sealants with advantage of a smaller joint width design.
- ◇ 'N' series seals are recommended for small movement and construction joints and installed 3 to 6mm below the surface.
- ◇ 'NH' series seals are designed for heavy traffic / load situations and installed 3 to 6mm below the surface. Steel or epoxy nosings are required to protect nosing.
- ◇ 'NC' series seals are low profile concourse seals where pedestrian traffic is expected and placed flush with the surface. Their design is such that a safe and even surface is presented eliminating ladies' heel entrapment.
- ◇ **Miska FC480 Lubricant Adhesive** is recommended for seal installation to allow ease of insertion, fill minor voids in the joint surfaces and provide a bond to the neoprene. Apply a continuous coat of FC480 to both joint interfaces immediately prior to seal installation.

Joint Seal Types



Dimensions

Type	Install Width	Gap Min	Gap Max	Total Movement Range	Seal Width	Seal Height	Seal Depth
N Series – Light Duty Seals							
NO44	6.80	4.40	9.30	4.90	11.00	19.00	35.00
NO69	10.50	7.00	14.90	7.90	17.50	25.50	38.00
N125	20.40	13.60	28.90	15.30	34.00	30.00	45.00
N162	25.20	14.90	35.70	20.80	42.00	40.00	66.50
NH Series – Heavy Traffic / Loads							
NH175	26.00	19.25	37.50	18.25	44.50	51.00	61.00
NH200	32.00	22.00	43.25	21.25	51.00	52.00	71.00
NH250	37.50	26.50	54.00	27.50	63.50	70.00	85.00
NH300	48.00	30.00	65.00	35.00	76.00	76.00	100.00
NH350	55.00	33.00	75.50	42.50	89.00	89.00	112.00
NH400	61.00	38.00	86.50	48.50	102.00	102.00	127.00
NH500	70.00	43.00	108.00	65.00	127.00	135.00	156.00
NH600	89.00	57.00	130.00	72.00	152.00	152.00	197.00
NC Seals – Concourse / Pedestrian							
NC250	34.00	18.00	48.00	30.00	60.00	51.00	56.00
NC300	40.00	22.00	64.00	42.00	73.00	52.00	62.00
NC350	50.00	33.00	79.00	46.00	92.00	58.00	62.00

Specification

Property	Requirements	ASTM Method
Tensile strength	2000 (min. Psi)	D 412
Elongation at break, min per cent	250 (min. %)	D 412
Hardness, Type A durometer	55 ± 5	D 2240 (modified)
Compression set	40 per cent after 70 hrs @ 212°F, max	D 395 method B (modified)
Oven aging	20 per cent after 70hrs @ 212°F	
Elongation	20 per cent (loss max)	D 573
Hardness, Type A durometer (points change)	0 to + 10	
Ozone resistance	No cracks 20 per cent strain, 300 pphm, in air after 70 hrs @ 104°F (wiped with toluene to remove surface Contamination)	D 1149
Low temperature recovery	88 per cent after 72 hr @ 14°F, 50% (min)	D-2628-69 Section 7
Low temperature recovery	83 per cent after 22 hr @ 20°F, min 50% deflection	D-2628-69 Section 7
High temperature recovery	85 per cent after 70 hrs @ 212°F, min 50% deflection	D-2628-69 Section 7

Disclaimer: The information contained in this publication is intended to give a fair description of the products and their capabilities. No responsibility or liability by the manufacturers will be accepted for misuse, misreading or deviation from the recommended guidelines of these products. As new technology is introduced, or industry standards are altered, Miska reserves the right to alter existing specifications without notice.