

NEVOSWELL® DICHRING**Description**

Hydrophilic sealing ring for sealing against water infiltration along formwork spacers. NEVOSWELL® retains its shape after multiple wet and dry cycles. NEVOSWELL® has good resistance to a wide range of chemicals. The performance of the product remains consistent throughout its life cycle and its flexibility allows it to fill voids and cracks in the immediate surrounding area.

Application

The sealing ring is installed on the outside in the centre of the tie rod sleeve or the formwork spacer. A minimum concrete cover of 8 cm is required.

The usability of the product in the respective installation situation must be checked by the user!

Material

- Synthetic rubber
- Free from PVC, CFC and HFC
- Without substances of very high concern according to ECHA candidate list (REACH Regulation)

Packaging

- Free of halogen-containing compounds, azo dyes, flame retardants



NEVOSWELL® DICHTRING

Item no.	For tube Ø mm	Pcs/ Box	Pcs/ Pallet
NSWDR12/05	12	2.500	60.000
NSWDR24/05	24 - 26	1.400	33.600
NSWDR30/05	30 - 32	1.200	28.800
NSWDR36/05	36 - 38	800	19.200



.../05 = Colour Yellow

Technical data:

Mass increase in deionized water (rainwater)	735 %
Mass increase in alkaline water (concrete water)	425 %
Mass increase in concrete attacking water	335 %
Colour	Yellow
Hardness	35 ° Shore A
Tensile strength	> 2 MPa
Elongation	> 400 %
Density	1.23 g/m ³
Swelling pressure when encapsulated	Approx. 23 kN/m (Dimension 20x5 mm)
Resistance to hydrostatic pressure	Tested up to 5 bar (Dimension 20x5 mm)
Application Temperature	0 / +50 °C
Service Temperature	-50 / +70 °C
Tolerance range (dimensions)	+/-1.0 mm



For further documents
scan or click here!

These data are not suitable for the issue of specifications. Please contact our Sales Office before issuing specifications.

Weather resistance: Excellent UV and ozone resistance. Avoid long term exposure to direct sunlight.

Chemical resistance: Good general chemical resistance to acids, alkalis and most aqueous solutions but caution is advised with aromatic oils and fuels, vegetable oils and strong aromatic solvents. Contact our Sales Office for detailed specific information.

Chemicals (concentration 1–10%) – Resistance

Inorganic acids	No effect
Inorganic bases	No effect
Organic acids/bases	No effect
Alcohols	No effect



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Aldehydes	No effect
Amines	No effect
Ester	No effect
Ether	No effect
Detergents and other cleaning agents	No effect
Chlorine water	No effect
Benzene	Moderate effect
Nitrobenzene	Moderate effect
Toluene	Moderate effect
Xylene	Moderate effect
100/150 solvents	Moderate effect
Aliphates hydrocarbons (oils and fuels)	Moderate effect
Halogenated hydrocarbons	Moderate effect
Carbon disulphides	Moderate effect
Biological fats, oils and sugars	Moderate effect

No effect: Performance will not be affected under most service conditions.
 Moderate effect: Performance may be affected, especially with long-term exposure.
 For information on chemical resistance to chemicals in concentrations above 10%, please contact our Sales Office.

Note: Protect from direct sunlight and moisture during storage.

