

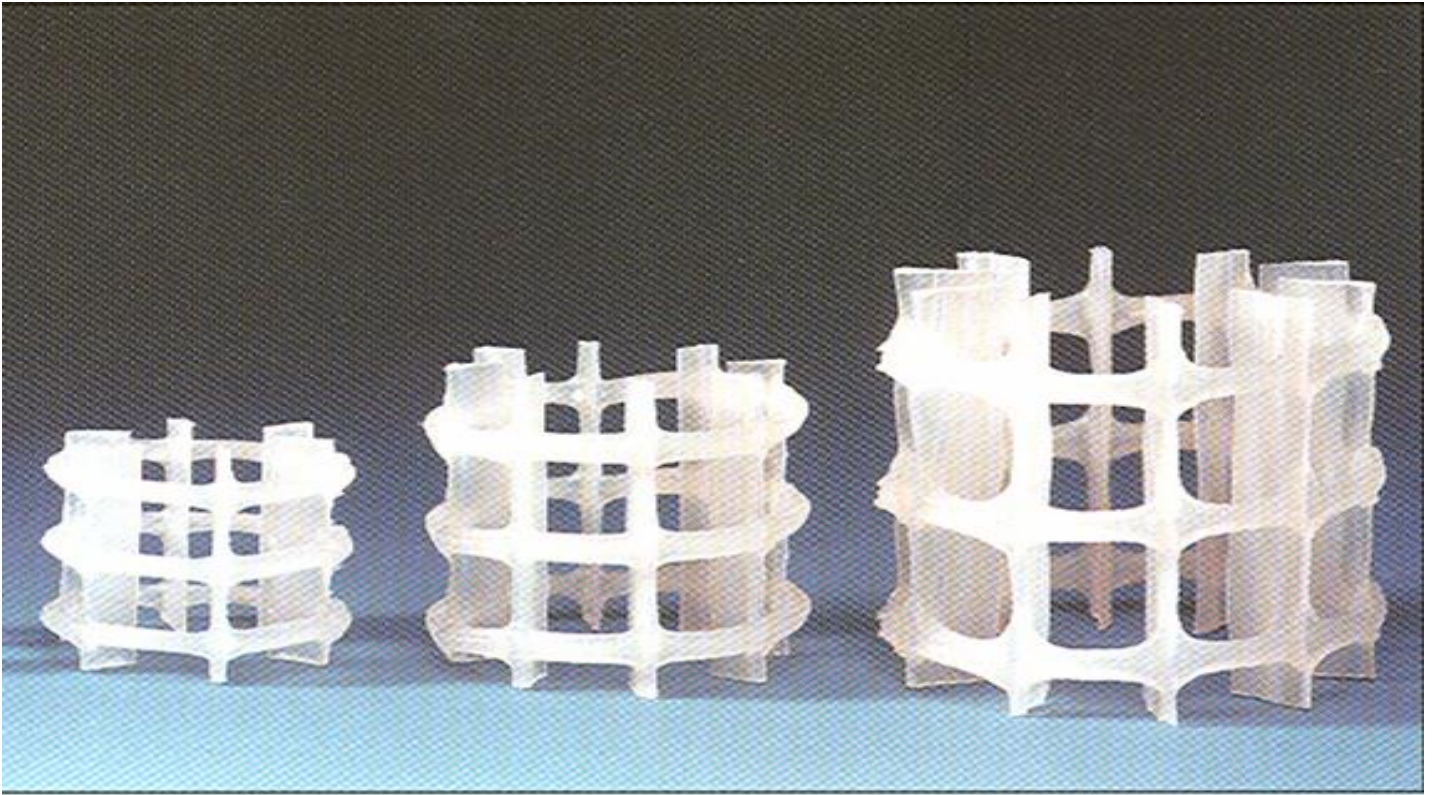
NOR-PAC[®]

Tower Packing and column baffles



High Performance tower Packing

NOR-PAC® random media



Quality features

- Exceptionally high hydraulic loading capacity
- Low pressure drop
- High separation efficiency

Advantages

- Low investment and operation cost

Type	1"	1 1/2"	2"
Dimensions (mm)	27x27	35x35	50x50
Surface (m ² /m ³)	180	145	100
Weight (PP) (kg/m ³)	72	61	51
Quantity (1/m ³)	44.500	20.000	7.300
Voidage (%)	92	93	94
Materials	PE, PP, PVDF	PE, PP, PVDF	PE, PP, PVDF

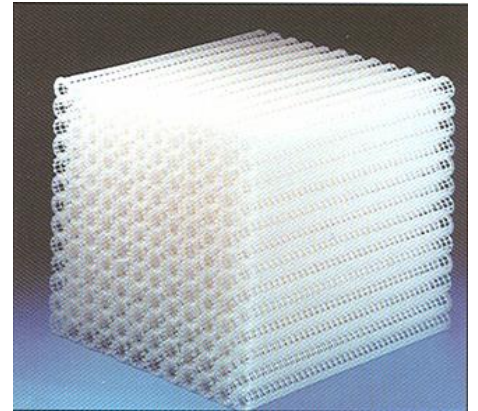
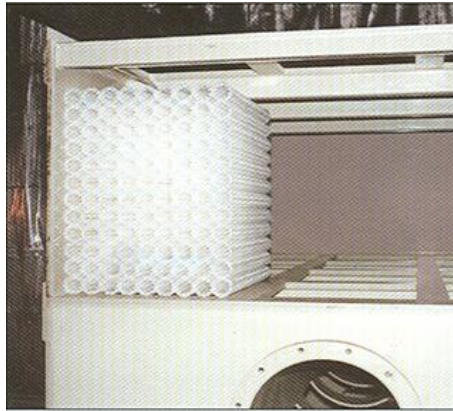
Operational data for NOR-PAC® media random

High Performance tower Packing

NOR-PAC® Compact

Applications

- Block elements for use in rectangular containers and columns



Advantages

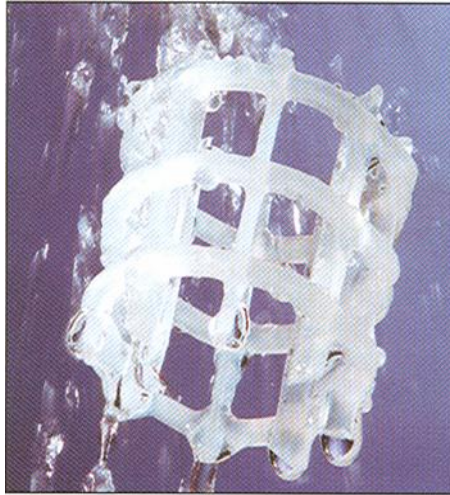
- The block elements can be removed and inserted laterally
- NOR-PAC® compact blocks are easy to handle
- High mechanical strength
- NOR-PAC® compact blocks can be adapted extensively to the dimensions of the column

Type	1"	2"
Dimensions of block (mm)	600x600x600	600x600x600
Surfaces (m ² /m ³) / (m ² /pc)	240 / 51	110 / 24
Weight (PP) (kg/pc)	20	10
Materials	PE, PP	PE, PP

Operational data for NOR-PAC® Compact
*Further dimensions upon request

Column Design

NOR-PAC® high-performance tower packing materials possesses characteristics specifically designed for industrial processes providing distinct advantages in comparison to conventional tower packing material:



Energy saving

NOR-PAC® high-performance tower packing material provides low pressure drop values.

Small column diameter

Due to its open grid structure very high hydraulic loadings are possible



Low-height packed beds

The overhanging fins cause intensive droplet formation, thus continuously renewing the interphases. This achieves a high degree of efficiency even with low-height packed beds.

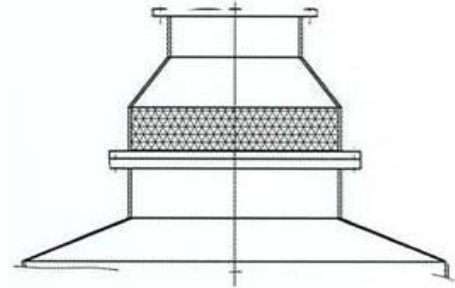
Technical data

Upon request we will send you detailed technical data and diagrams relating to pressure drop, flooding and mass transfer, together with an example so that you can make calculations for your own column specifications.

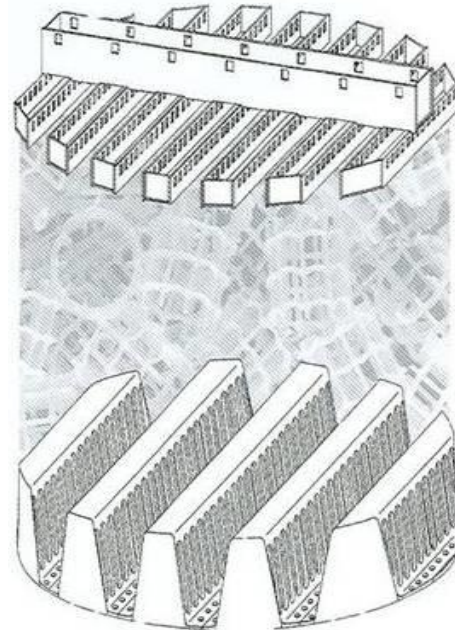
Column Baffles

Additional components

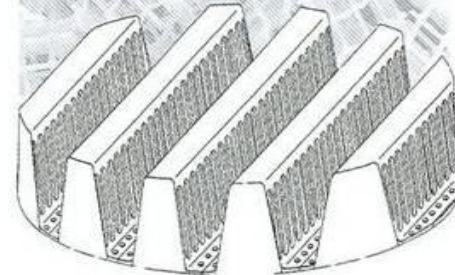
Mist eliminator



Liquid distributor



Supporting grid



NOR-PAC® is a registered trademark owned by NORDDEUTSCHEN SEEKABELWERKE GMBH. The right to make technical alterations is reserved. The information in this brochure is provided to the extent of our current available knowledge and is intended to provide information about our products and their applications. However it is not intended to guarantee particular characteristics of the products nor any specific application. Please request our technical advice service.

Norddeutsche Seekabelwerke GmbH
Kabelstraße 9-11
26954 Nordenham, Germany
Telefon: +49 4731 82 1474
Telefax: +49 4731 82 2474
environmental@nsw.com
www.nsw.com