



VEREINIGTE
FÜLLKÖRPER-FABRIKEN
GMBH & CO. KG



+++Tower Packings+++Inert-Balls+++Catalyst Support Materials+++Column Internals+++Droplet Separators+++

DuraTop®

Covering layers for catalyst beds –
for more efficiency

Please give us a call
+ 49 26 23 / 895 -14



VFF – experience that pays

Founded in 1967, ongoing innovation and the highest possible standards of quality have allowed VFF to develop into Europe's largest producer of tower packings and inert balls. VFF has now become a globally operating company with more than 30 representations.

VFF supplies a full range of tower packings, inert balls (catalyst support material), column internals, plastic packings and droplet separators (demisters), software and consulting for mass and heat transfer applications all over the world.

VFF offers its customers optimum operational safety with high-quality products 100% Made in Germany and is characterised by innovation, flexibility and performance strengths.



You can also find further information about VFF's products online at www.vff.com

DuraTop® – Advantages at a glance

DuraTop® special reformed packings are used among other things for covering catalyst beds. **DuraTop®** special reformed packings can be added onto the top ball layer or even replace the top ball layer.

Our VFF product specialist will be pleased to advise you of the benefits of **DuraTop®** in your system.

As the top layers on the catalyst beds DuraTop® special reformed packings offer the following advantages:

- low pressure drop because of large free-gap volume
- good pre-distribution of the liquid and gaseous media, even before they reach the catalyst bed, due to open internal structure of the **DuraTop®** special reformed packing
- the large specific surface increases the retention of any particulate impurities of the media before they reach the catalyst bed.

DuraTop® – Physical properties

| Nominal size ["] Inch | Diameter [mm] | Height [mm] | Spec. surface [m ² / m ³] | Spec. weight [kg / m ³] | Free volume [%] |
|----------------------------|--------------------|------------------|--|---|----------------------|
| 1/2 | 12...13 | 7...8 | 640 | approx. 1000 | approx. 55 |
| 3/4 | 19...20 | 10...11 | 400 | approx. 850 | approx. 65 |
| 1 | 25...26 | 12...14 | 330 | approx. 850 | approx. 65 |

Subject to technical modifications. All details serve for preliminary information purposes only. Claims cannot be derived therefrom. Specification sheets are available on request. The usual, permitted tolerances for ceramic products apply.

VEREINIGTE FÜLLKÖRPER-FABRIKEN GmbH & Co. KG

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