

**Process Air Filtration  
Filter Cartridge & Pleated Elements**

**For more information,  
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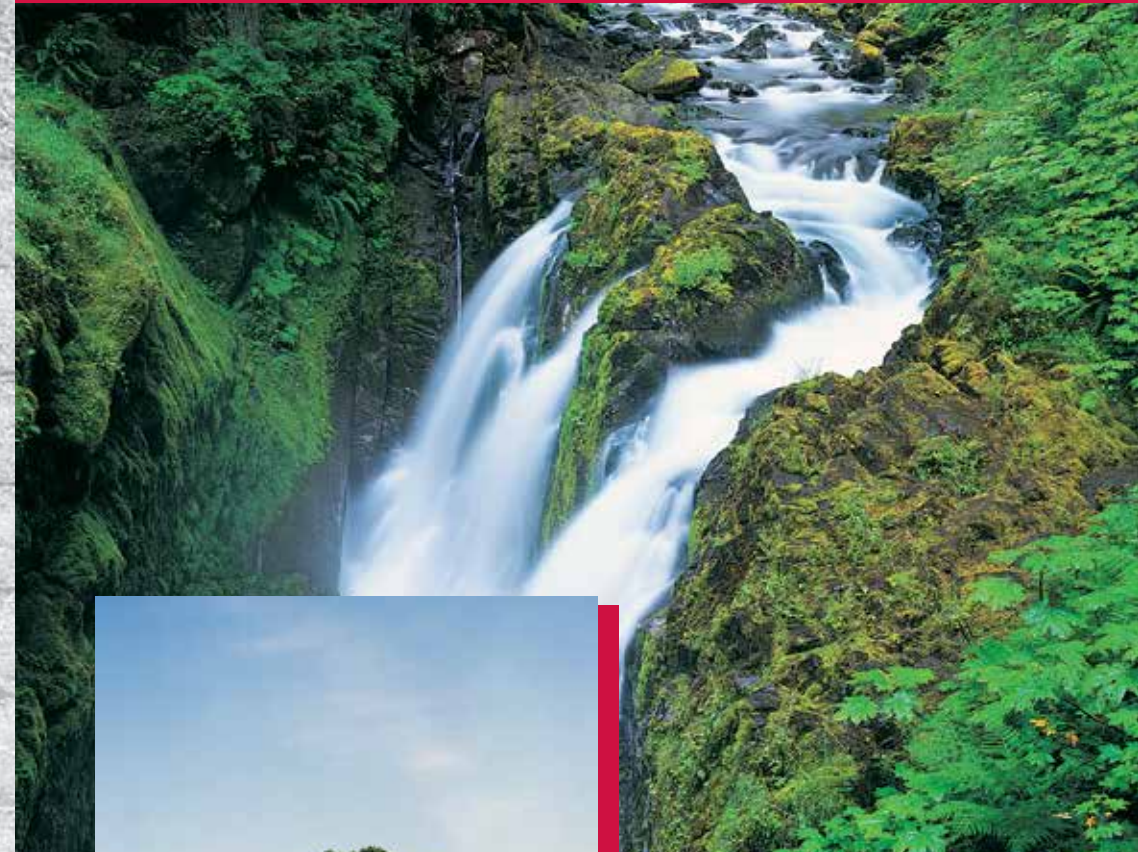
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### Hightech Spunlace Technology

- 3 dimensional fiber hydro-entanglement by high pressure water jets

### Better Filtration Efficiency = Lower Emission

- finer pore size, tighter pore size distribution
- top layer microfiber technology

### Lower Pressure Loss = Energy Saving and Longer Service Life

- much higher air permeability

### Available in a wide range of material options

- PET/Bico 200 gsm (alternative to spunbond 240 – 270 gsm)
- PET/Bico 200 gsm – antistatic (alternative to spunbond antistatic 240 – 270 gsm)
- PET “Top Layer Technology”+ binder 200 gsm (alternative to spunbond 240 – 270 gsm)

### Available with additional functionalities

- hydro-oleophobic
- FDA compliant
- calandered
- PTFE foam coated

### Applications

- tunneling, mining
- metal, minerals, food, wood processing
- chemicals, plastics, coatings

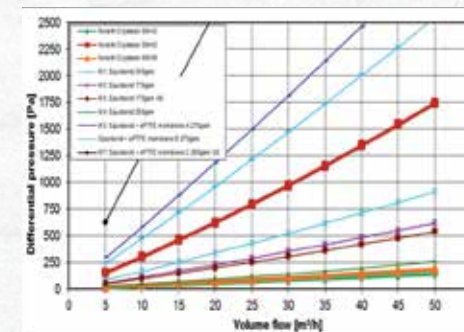


Technology Description	Treatment	Properties	New Item
NORAFIN CRYSTALEN® PET/Bico PET/PET bico - 200 g/m <sup>2</sup> - TF	thermofixed	pleatable standard	00443
NORAFIN CRYSTALEN® PET/Bico PET/PET bico - 200 g/m <sup>2</sup> - TF-FC	thermofixed FC treated	pleatable hydro-oleophobic	00441
NORAFIN CRYSTALEN® PET/Bico PET/PET bico - 200 g/m <sup>2</sup> - TF-FC-CL	thermofixed FC treated calandered	pleatable hydro-oleophobic higher filtration efficiency	00442
NORAFIN CRYSTALEN® PET/Bico Technology Antistatic - Hydro/Oleophobic PET/PETbico Antistatic - 200 g/m <sup>2</sup> - TF	thermofixed	pleatable antistatic	01425



Technology Description	Treatment	Properties	New Item
NORAFIN CRYSTALEN® PET 200 Top Layer Technology PET- 200 g/m <sup>2</sup> Binder - BI	binder	pleatable top layer “membrane effect”	00439 & 00962
NORAFIN CRYSTALEN® PET 200 Top Layer Technology PET- 200 g/m <sup>2</sup> Binder - BI-FC	binder FC treated	pleatable hydro-oleophobic top layer “membrane effect”	00440 & 00859

### Comparative Differential Pressure



### Comparative Filtration Efficiency

