

POLYESTER NON-WOVEN DUST BAGS



PRODUCT CATEGORIES

- **DPE** – Polyester Non-woven Dust Bags

FEATURES

DPE Polyester Dust Bags resist acid and alkali attack, and are ideal for high temperature applications.

- Large open area, excellent air permeability, low energy consumption, ideal for low differential pressure applications
- High performance in dust collection and removal
- Extended service life
- Hydrophobic, static resistant
- Easy removal of dust cake

TYPICAL APPLICATIONS

Ideal for high temperature acid gas filtration in chemical, pharmaceutical industries and steel mills.

TECHNICAL SPECIFICATIONS

ITEMS		SPECIFICATIONS			
Product Code		DPE450	DPE500	DPE550	DPE600
Unit Weight (g/m ²)		450	500	550	600
Thickness (mm)		1.6	1.8	2	2.2
Air Permeability (m ³ /m ² /min.)		16	12	10	9
Tensile Strength (N/5 x 20 cm)	Longitude	> 600	> 800	> 800	> 1000
	Latitude	> 1000	> 1300	> 1400	> 1500
Elongation (%)	Longitude	< 30	< 30	< 30	< 30
	Latitude	< 50	< 50	< 50	< 50
Work Temperature (°C)		≤ 130	≤ 130	≤ 130	≤ 130
Max. Temperature (°C)		≤ 150	< 150	≤ 150	≤ 150
Humidity		Excellent	Excellent	Excellent	Excellent
Hydrolytic Stability		Good	Good	Good	Good
Alkali Resistance		Good	Good	Good	Good
Acid Resistance		Excellent	Excellent	Excellent	Excellent