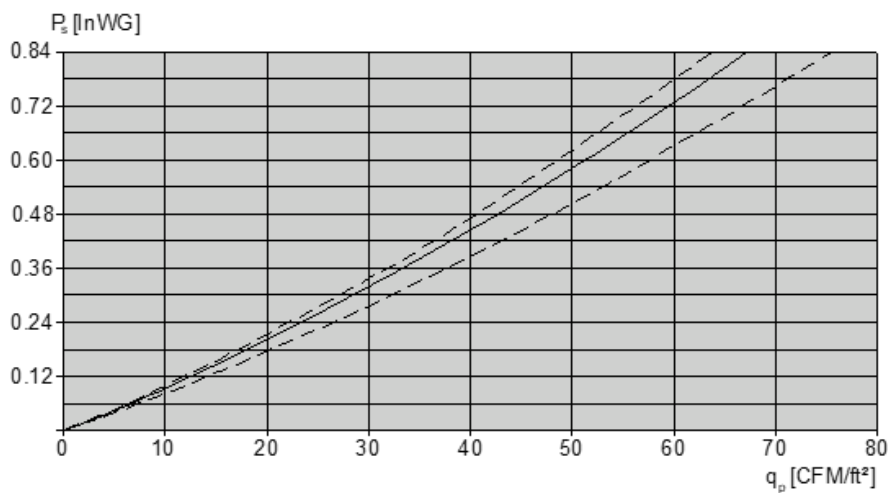




Material Datasheet 6

| | | | |
|---|---|-----------------------|------------|
| KE no. | GW43 | | |
| Material | High Dust Capacity Polyester fabric | | |
| Construction | Heat-set, shrinkage- and porosity-stabilized | | |
| Weight | oz/yd² | 9.7 | (%) -/+5 |
| Thickness | mil | 30 | (%) -/+10 |
| Tensile strength warp/weft | lb_f | 641 / 292 | (%) -/+10 |
| Resistance to tearing | lb_f | 40 / 65 | (%) -/+10 |
| Porosity | CFM/ft² | 43 at 0.5 inWG | (%) -8/+14 |
| Filter class | | M6 (*) | |
| Shrinkage in wash | % | <0.5 (**) | |
| Fire resistance | | Flame retardent | |
| Melting point | °F | 489 | |
| Spontaneous ignition temperature | °F | 946 | |
| Water absorption (in standard climate) | % | 0.4 | |
| Electrostatic resistance | Ohm | ≤2 x 10 ¹⁰ | |
| Operating temperature max./min. (peak) | °F | +140/-49 (peak: 176) | |
| Resistance to aging | | Excellent | |
| Resistance to vibrations, motion | | Excellent | |
| Resistance to solvents | | Excellent | |
| Resistance to acids | | Good | |
| Resistance to bases | | Medium | |
| Resistance to oxidants, light, etc. | | Excellent | |



Quality grades: Excellent - Good - Medium - Less good - Not recommended

*Recomm. KE measurement **Washed and dried according to KE Fibertec instructions

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