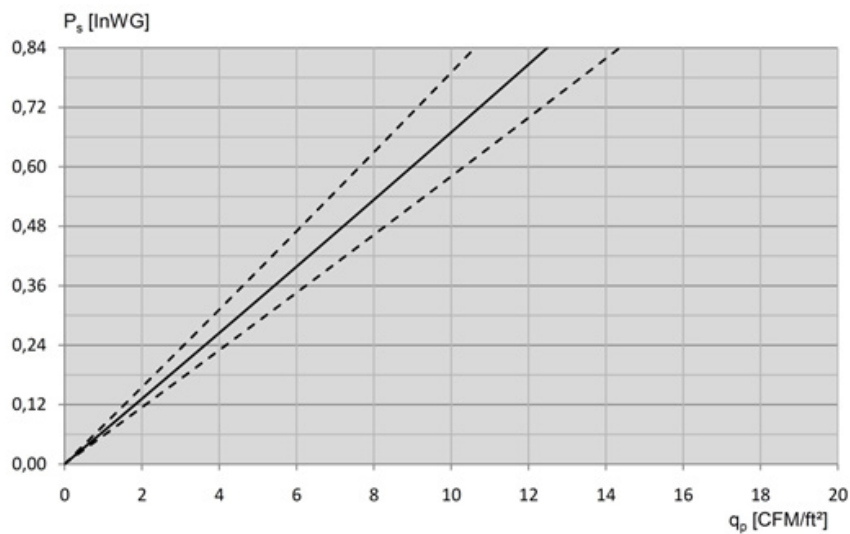




Material Datasheet 33

| | | | | |
|---|---------------------------|----------------------|------------------|------------------------------|
| KE no. | N08 | | | |
| Material | Nomex fabric | | | |
| Construction | Heat-set | | | |
| Weight | oz/yd² | 8.8 | (%) -/+5 | EN-ISO 5077 |
| Thickness | mil. | 17 | (%) -/+10 | EN-ISO 12127:1997 |
| Tensile strength warp/weft | lb_f | 337 / 191 | (%) -/+10 | |
| Resistance to tearing | lb_f | 38 / 38 | (%) -/+10 | |
| Porosity | CFM/ft² | 8 at 0.5 inWG | (%) -/+9 | EN-ISO 9237:1995 |
| Filter class* | | N/A | | EN 779:2012 |
| Shrinkage in wash** | % | - | | EN-ISO 5077 |
| Fire resistance | | B-S1-d0 N/A | | EN-13501 UL 723 NFPA 90 A |
| Melting point | °F | 700 | | |
| Spontaneous ignition temperature | °F | - | | |
| Water absorption (in standard climate) | % | 5 | | |
| Electrostatic resistance | Ohm | ≤3 x 10 ⁸ | | DIN 54345-1 |
| Operating temperature max./min. (peak) | °F | +176/-40 (peak: 212) | | |
| Resistance to aging | | Excellent | | |
| Resistance to vibrations, motion | | Excellent | | |
| Resistance to solvents | | Excellent | | |
| Resistance to acids | | Not recommended | | |
| Resistance to bases | | Good | | |
| Resistance to oxidants, light, etc. | | Good | | |
| Oeko-Tex® | | Approved | | Standard 100 |
| Cradle to Cradle® | | N/A | | |



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

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

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12/2024

