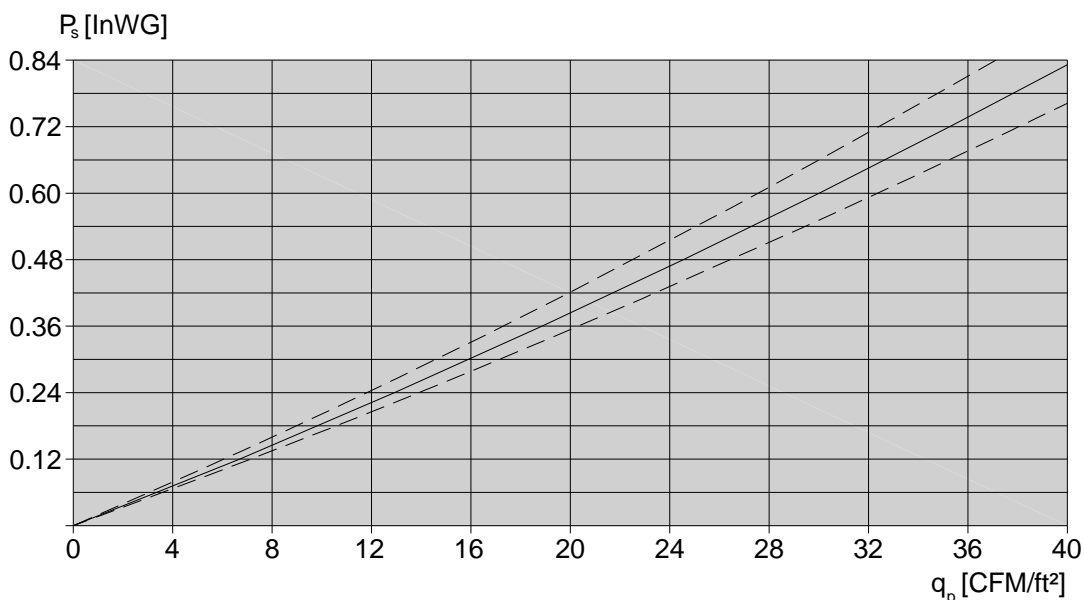


NOMEX

MATERIAL DATASHEET 18

| | | | |
|--|-----------------------|----------------------|-------------|
| KE-no.: | N025 | | |
| Construction: | Nomex fabric | | |
| Final treatment: | Heat-set | | |
| Weight | oz/yd ² : | 6.5 | (%) -10/+10 |
| Thickness | mil: | 22 | (%) -10/+10 |
| Tensile strength warp/weft | lb _f /in: | 183 / 126 | (%) -10/+10 |
| Resistance to tearing warp/weft | lb _f : | 31 / 22 | (%) -10/+10 |
| Permeability | CFM/ft ² : | 25 at 0.5 inWG | (%) -8 / +8 |
| Retention grade | : | F5 (*) | |
| Shrinkage in wash | %: | - | |
| Fire resistance | : | Flame retardant | |
| Melting point | °F: | 700 | |
| Spontaneous ignition temperature | °F: | - | |
| Water absorption (in standard climate) | %: | 5.00 | |
| Electrostatic resistance | Ohm/cm: | 3 x 10 ⁸ | |
| 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 | |



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

Comments: (*) Recomm. KE-measurement • (**) Washed and dried acc. to KE Fibertec instruction

This document and all information thereon is the property of KE Fibertec AS. It must not be copied, imparted to a third party or used for any other purpose without the written consent of KE Fibertec AS.

Data are subject to alterations.