



PUR soft-AV with *ebCoating AV 200* antiviral & antimicrobial armrests

- **brand-new soft foam innovation that combines many properties**
 - antiviral & antimicrobial surface effects for 3 years
 - pleasant feel and haptic
 - comfortable soft in hardness: 30-40 shore A or 80-86 shore 00
 - soft in a foam thickness from 3 mm up to 20 mm
 - reduced in weight up to 20% compared to current foam PUR 157-2F
 - much higher abrasion resistance
 - insensitive to dirt / dirt-repellent
 - in any color
- **99% of viruses will be eliminated within 30 minutes**
 - tested according to ISO 21702:2019
 - Bovinen Coronavirus (BoCV; Stamm: S379 Riems)
- **up to 98.71% of viruses will be eliminated within 30 min after aging test**
 - 2 years in-flight service with 1 daily cleaning with A18-S
 - Elcometer 1720 with load 453 gram and total in cycles 700
- **antimicrobial effectiveness against**
 - 99.99% Stapylococcus aureus DSM 799
 - 99.99% Escherichia coli DSM 1576
 - 99.99% MRSA Staphylococcus aureus DSM 21979
- **attrition test / abrasion resistance**
 - up to 60.000 cycles
- **scratch test (sclerometer)**
 - load of >1.500 gram with a depth of penetration of 1.0mm with a ball of Ø1.0mm
- **internal flammability test 12 sec vertical test**
 - THK 4.5 / 5.8 / 9.5mm: arithmetic average of 0.66 seconds afterglow time
- **certification**
 - Boeing BSS 7434 (anciently D6-7127) and AMS 1452C: in process
 - Environmental Protection Agency (EPA): in process