

Dräger CPS series

Improved NFPA glove combination



Dear Sir or Madam,

During an annual routine check, it was recently established that the Dräger NFPA glove combination (Silvershield foil glove + Butyl glove + K-Mex Gigant over glove) does not always meet the required puncture resistance values of the NFPA 1991:2005 standard.

Therefore, we have improved this combination and will exchange the existing over glove by an alternative. In this product note, you will find additional information about this topic.

What is the difference between the old and the new improved NFPA glove combination?

In comparison to the former NFPA glove combination, the improved combination has a different over glove. Instead the K-Mex over glove, the new combination contains the OneGlove outer shell, which offers better mechanical resistance than the former K-Mex glove.

| Description | Former NFPA combination NOT AVAILABLE ANYMORE | Improved NFPA combination |
|--|---|---|
| Inner glove: For chemical resistance |  Silvershield foil glove |  Silvershield foil glove |
| Outer glove: For chemical and mechanical resistance |  Butyl rubber glove |  Butyl rubber glove |
| Over glove: For additional cut and flame resistance |  K-Mex knitted glove |  Saint-Gobain OneGlove outer shell over glove |
| Part number | Size 9: R58244 Size 10: R58245 Size 11: R58246 | Size 9: R58244 (combination) Size 10: R58245 (combination) Size 11: R58246 (combination) Saint-Gobain outer shell over glove, size XXL: R63002 |

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What are the chemical and mechanical resistance data of these gloves?

The chemical resistance remains at the same level, because the chemical resistant layer (Silvershield and Butyl) was not changed.

In terms of mechanical resistance, we were able to increase and over archive the relevant cut and puncture resistance according to the NFPA 1991 standard.

| Description | Former NFPA combination NOT AVAILABLE ANYMORE | Improved NFPA combination |
|---|---|---------------------------|
| | | |
| NFPA 1991 requirements | | |
| Cut resistance <small>Acc. ASTM F1790 NFPA Requirement: >25 mm</small> | > 44 mm | > 50 mm |
| Puncture resistance <small>Acc. ASTM F1342 NFPA Requirement: >22 N</small> | > 30 N | > 70 N |

Further information

In case of any further questions, please don't hesitate to contact your local Dräger representative.

Best regards

Dominik Temmen
Product manager CPS