

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 Acc. ASTM F1790 NFPA Requirement: >25 mm	> 44 mm	> 50 mm
Puncture resistance Acc. ASTM F1342 NFPA Requirement: >22 N	> 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