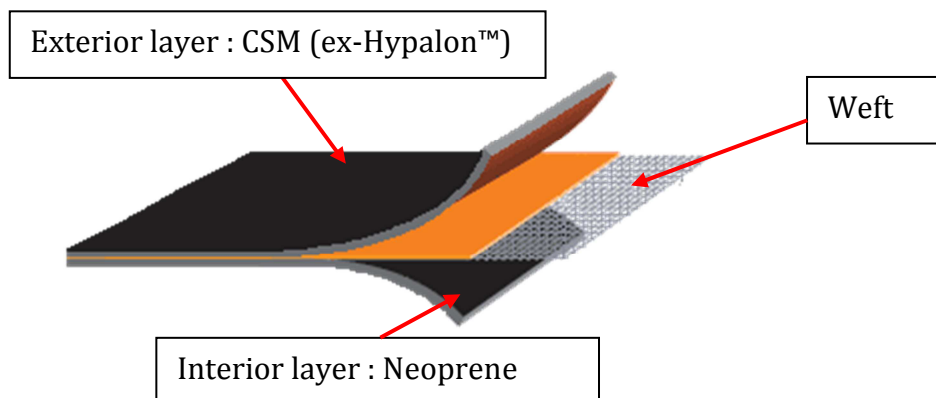


## MILPRO™ CSM/Neoprene superiority

Milpro™ fabrics are specific and unique.  
They result from the assembly of 3 different layers.  
They are composed of :

- a coating made of Neoprene, on the interior, ensuring airtightness (and only airtightness, neoprene has very bad mechanical properties)
- a weft, in the middle, made of PA or PE thread fabric, giving the Mechanical resistance (tear, puncture, etc)
- a coating of CSM (that was called Hypalon® when it was produced by DuPont), on the exterior, that gives the resistance to the external environment : abrasion, UV (sun), Salt, Hydrocarbons (fuel, oil), algae, etc...

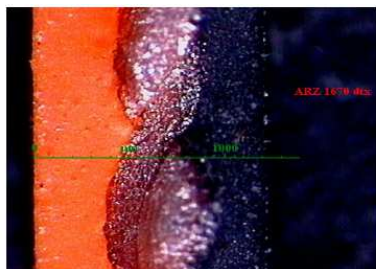
What makes the difference between MILPRO™ fabrics to competition ones is this unique and thick layer of CSM.



The resistance to abrasion of the MILPRO™ fabrics is superior to the other fabrics on the market, for a same density (see Lab Test Report extract below from N° : LA 08 TLS 1980). Indeed, they have only 1 thick layer of CSM on their outside, while the others have 2 layers : one thick layer of Neoprene that has almost no resistance to abrasion and 1 thin of CSM.

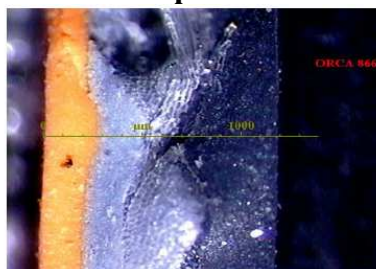
### Cross Sections

**MILPRO™ Fabric 1670 dtx**



1 : Hypalon ; 2 tissage ; 3 Néoprène

**Pennel & Flipo - Orca 866**



4 : Hypalon ; 5 néoprène ; 6 tissage ; 7 néoprène

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SASU au capital de 2 500 000 euros - RCS 534 317 011

**Comparative abrasion test results based on ISO5470-1 N° : LA 08 TLS 1980 P.V. :**

( ISO 5470-1, Abrasimeter Taber, Load 1 daN/arm, Buff Wheel H18 )

**MILPRO™ Fabric**  
**1670 dtx**

@ 6500 revolutions  
Still on CSM layer

@ 8500 revolutions  
CSM still present  
No visible weft



**P&F - ORCA 866**  
**1670 dtx**

@ 6500 revolutions  
Neoprene starts to be visible.  
CSM layer is sanded out

@ 8500 revolutions  
Weft is visible on the shiny area, no more protections from extra layers