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CCM

# HELMET GUIDE



**CCM** ALL OUT.

# PARTNERSHIP WITH THE NEUROTRAUMA IMPACT SCIENCE LABORATORY, LEADING EXPERTS IN THE FIELD OF HEAD INJURIES BIOMECHANICS

## BACKED BY SCIENCE & TESTED BEYOND INDUSTRY STANDARDS

On top of performing helmet testing at CCM headquarters, CCM has a research partnership with the Neurotrauma Impact Science Laboratory (NISL) at the University of Ottawa. Scientists at the NISL lead crash-test analyses to establish the relationship between helmet performance and head injuries. This collaborative research partnership ensures that CCM helmets are designed and engineered for safety based on hockey specific testing protocols and methods.

CCM's industry-leading team of engineers, product managers and designers are focused on developing helmets that are safe.

*Scientists indicate that brain injuries and concussions are mainly due to linear and rotational accelerations of the brain. No hockey helmet can prevent or eliminate the risk of head injury, including concussions.*

**MORE PRO HOCKEY PLAYERS WEAR CCM  
HELMETS THAN ANY OTHER BRAND.**

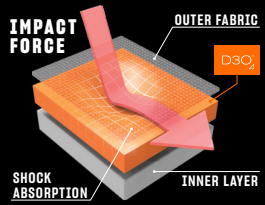
**PLAYER SAFETY IS OUR PRIORITY.**

**CCM**  
**ALL  
OUT.**



### D3O® SMART MATERIAL

D3O® is a rate-sensitive material that helps distribute impact energy. Its combination of soft and flexible proprietary technologies react differently where force is applied.



### FLUID INSIDE POD MATRIX

Designed for an elite level of protection to help distribute impact energy from all types of impacts thanks to new Fluid Inside pods strategically placed in liner.



FLUID® POD



IMPACTS



### GEL MEMORY FOAM COMFORT LINER

A TPU foam liner that offers a memory gel-like comfort fit, while not sticking to hair and skin for an optimal feel.



### FOAM COMFORT LINER

EVA foam comfort liner that provides lightweight impact distribution and helps wick sweat to keep you cool and dry all game.



### R.E.D. SYSTEM

Liquid filled R.E.D. System bladders are positioned between the liner and the player's head to help distribute energy from multiple types of impacts.



### MICRODIAL III SYSTEM

Adjustment system allows a full 360° wrap and occipital lock for optimal comfort and customizable fit that keeps helmet in place during play.



### TOOL-FREE ADJUSTMENT

Front-to-back tool-free fit clips length adjustment system on both sides of the helmet.



### TOOL-FREE ADJUSTMENT

Single tool-free length and width adjustment at the back of the helmet for a customized snug fit.

**TACKS**  
310**TACKS**  
710**TACKS**  
310**TACKS**  
110

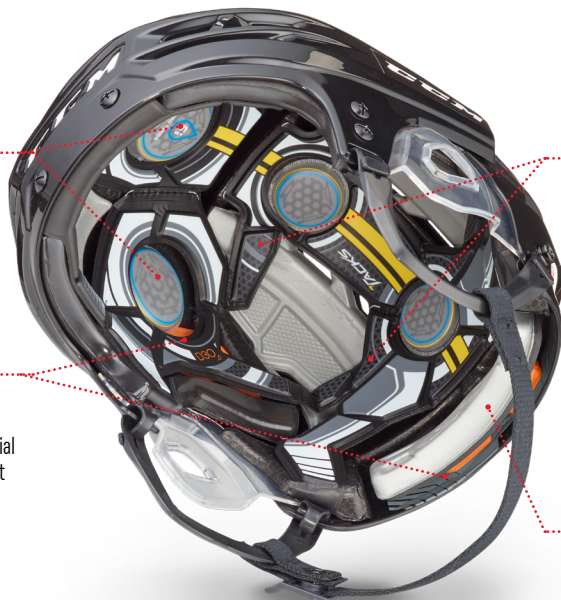
PROTECTION

D30<sup>+</sup>D30<sup>+</sup>D30<sup>+</sup>**MULTI DENSITY  
FOAM LINER**  
Layers of foam combine to  
help provide comfort and  
protection.





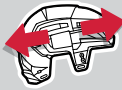

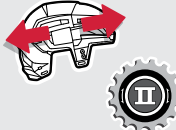

COMFORT

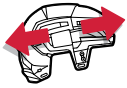
**i.Q.SHION**  
GEL**i.Q.SHION****i.Q.SHION**

ADJUSTMENT

**TACKS** 310FLUID  
INSIDE  
POD  
MATRIXDesigned for all  
types of impacts.D30<sup>+</sup>Rate-sensitive smart material  
that helps distribute impact  
energy in key areas.**i.Q.SHION**  
GELMemory foam comfort liner  
with sweat management  
properties at front.**ACTIVE** ■■■■■  
**STABILIZER**New self-adjusting  
active stabilizer rear  
cushion supports the  
occipital bone region  
for an extra snug and  
comfortable fit.**CCM** ALL OUT.

**FL500****FL3Ds****FL90****FL60**

PROTECTION	 <p><b>MULTI LAYERED FOAM CONSTRUCTION</b> Foam layup throughout the helmet that helps distribute the force of impacts.</p>			
COMFORT	<p><i>i.Q.SHION</i></p>	<p><b>EPP LINER WITH MEMORY FOAM COMFORT CUSHIONS</b> Combined to offer comfort and protection.</p>	<p><i>i.Q.SHION</i></p>	<p><b>EPP LINER WITH LYCRA™ COMFORT CUSHIONS</b> Combined to offer comfort and protection.</p>
ADJUSTMENT				

**FITLITE 3Ds**

Microdial III system and front to back adjustment for a customizable 360 degree fit.




Rate-sensitive smart material that helps distribute impact energy in key areas.

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# CCM 50

# FL3Ds JUNIOR

# FL3Ds YTH



COMFORT & PROTECTION

**MULTI DENSITY FOAM LINER**  
Layers of foam combine to improve comfort and protection.

D3O<sup>®</sup>

**MULTI-DENSITY D3O<sup>®</sup> INTEGRATED FOAM LINER**  
Layers of foam combine to help improve comfort and age specific protection.

D3O<sup>®</sup>

**MULTI-DENSITY D3O<sup>®</sup> INTEGRATED FOAM LINER**  
Layers of foam combine to help improve comfort and age specific protection.

ADJUSTMENT



**TOOL FREE FIT CLIPS LENGTH ADJUSTMENT**  
Easy adjustment on the side of the helmet for a customized fit.



**KID-FRIENDLY**  
Easy adjustment areas to provide a proper tailored fit along the head and face.



**KID-FRIENDLY**  
Easy adjustment areas to provide a proper tailored fit along the head and face.

**7 TO 11 YEARS OLD**



**4 EASY ADJUSTMENT STEPS**



**FRONT-TO-BACK LENGTH**



**J-CLIP HEIGHT**



**TOP CLIP HEIGHT**



**EASY SNAP  
VELCRO STRAP**

**CLIP UNDER CHIN**

**4 TO 7 YEARS OLD**



**5 EASY ADJUSTMENT STEPS**



# CCM ALL OUT.