



CRC

for

Premium

Quality

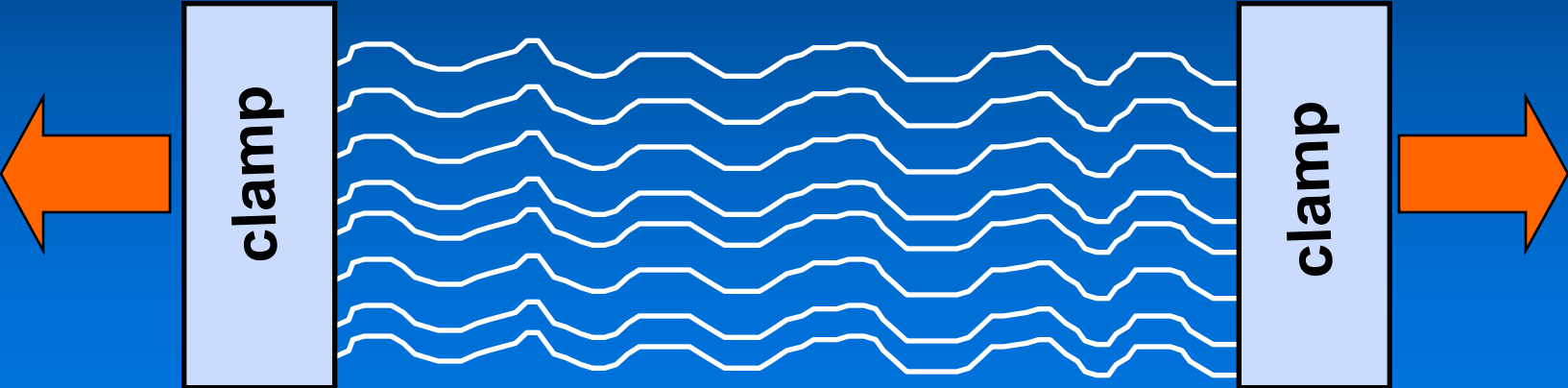
Wool

Defining the Measurement of Staple Strength

Produced for the CRC for Premium Quality Wool undergraduate program by;
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Measurement of Staple Strength



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Staple length (mm)
Staple weight (grams) } *grams / metre (ktex)*

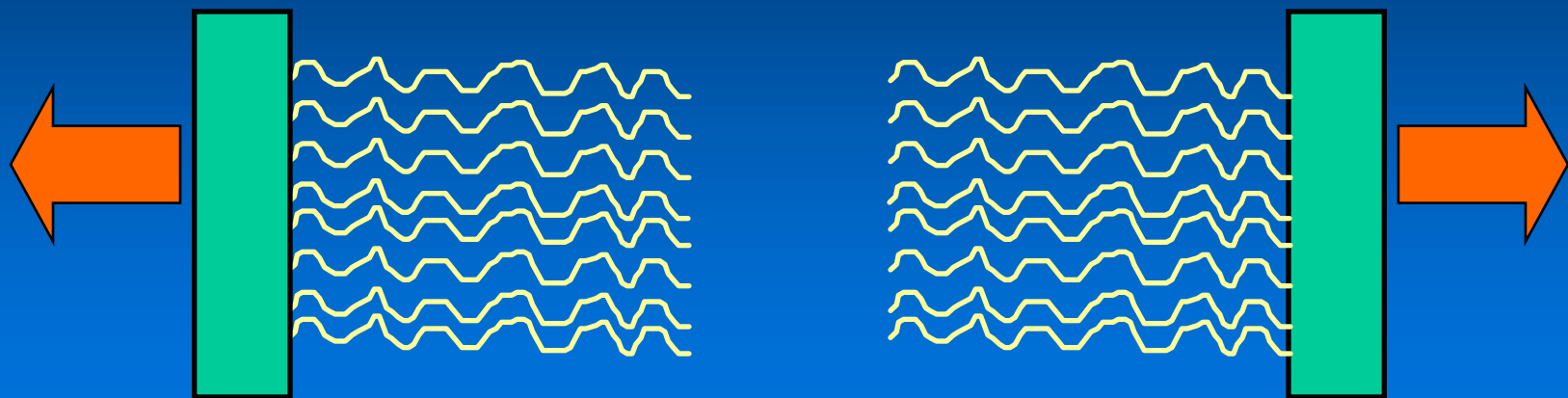
Force to break (Newtons)
1N ≈ 100 grams

Staple strength in Newtons per ktex:
force corrected for staple thickness





Measurement of Position of Break



TIP

BASE

Tip portion (grams)

As % of staple weight

TIP BREAK	<33%
MID BREAK	33-66%
BASE BREAK	>66%