

Northplex[®]

Material Characteristics

Optically clear

Rigid

Northplex is a very strong material
It has 80 - 90% of the impact strength
of polycarbonate (bullet proof glass)

Northplex is notch sensitive

Shrinkage of less than 0.1%*

** Shrinkage by volume as measured by
NCTEPO at the University of Strathclyde.*

Applications

Diagnostic / Check Sockets
Post Burns Facial Splint

[Material Specifications >](#)



**NORTH SEA
PLASTICS**

www.northseaplastics.com

Northplex®

Material Specification

Sheet size for orthotics:

2440 x 1220mm, 2050 x 1250mm

Square size for prosthetics

460 x 420mm, 406 x 406mm,
343 x 343mm, 305 x 305mm

Available in the following thickness:

2mm, 3mm, 4mm, 5mm, 6mm, 9mm,
12mm, 15mm

Tolerance on thickness: $\pm 5\%$

Available in the following colours:

Clear

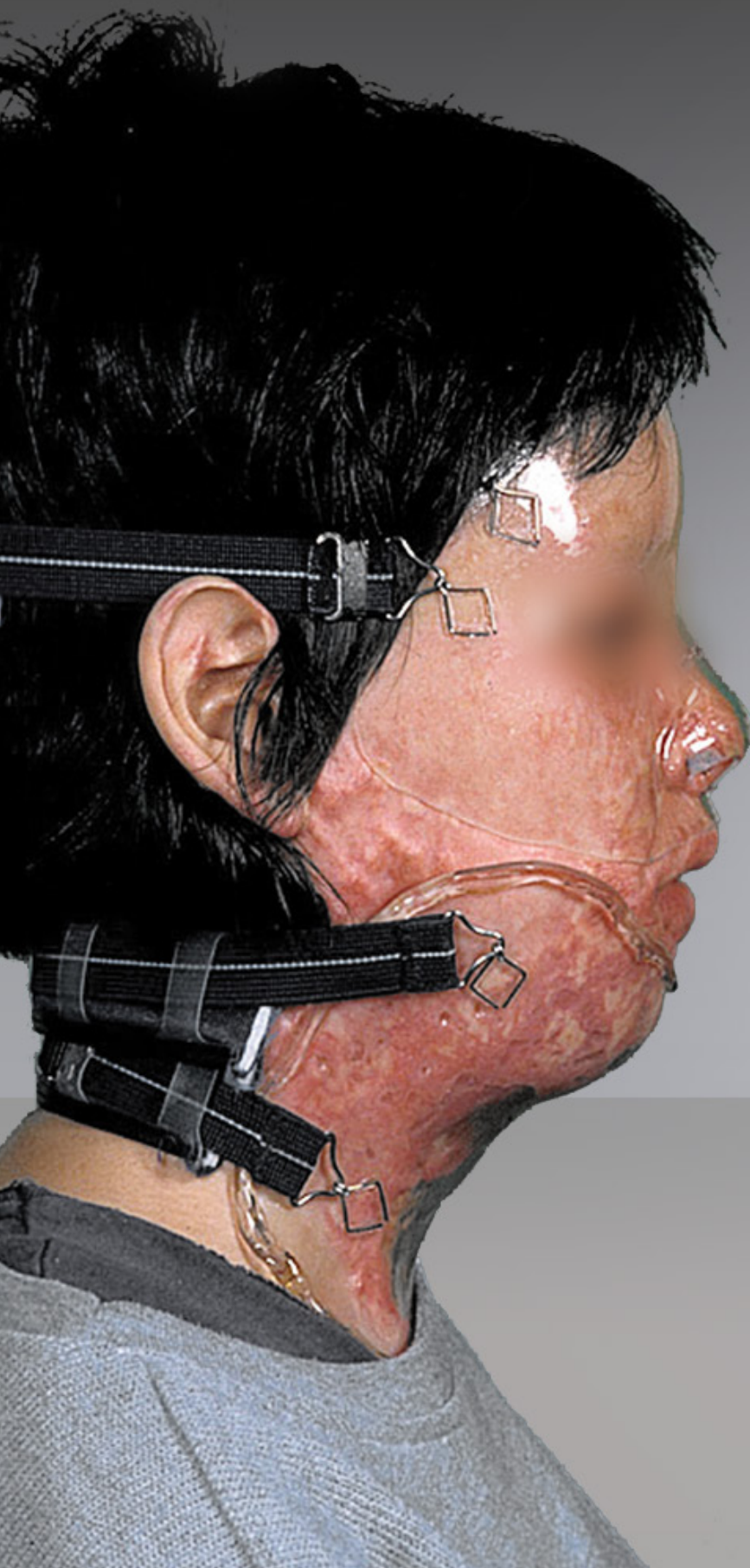
Moulding temperature:

Orthotics 120°C / 248°F
Prosthetics 160°C / 320°F

Cooking time:

3 minutes per mm thickness

N.B. As all ovens have slightly different heating characteristics please use our recommended timings as a guide only.



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