

Copolymer

Applications:

- Prosthetic and orthotic fabrications

Patient Benefits:

- Able to constantly flex without fracturing

Practitioner Benefits:

- Stable
- Easy to control

Features:

- Lightweight
- Versatile
- Rigid
- High impact strength

Specifications:

- Maintains impact strength down to -20°C / -4°F
- Shrinkage of <2.5% (by volume)
- Tolerance on thickness \pm 5%
- Molding temperature: Orthotics 180 – 200°C / 356 – 392°F,
Prosthetics 200 – 220°C / 392 – 428°F
- Heating time: 3 minutes per mm thickness (use as a guide only)
- 5% polyethylene, 95% homopolymer

Indications:

- Definitive prosthetic sockets
- AFO's, KAFO's
- Body jackets
- Foot orthotics
- Specialized seating

Call Points:

- Prosthetist
- Orthotist
- Prosthetic technician
- Orthotic technician



North Sea Plastics Copolymer

Item No.	Color	Size mm/inch	Thickness mm/inch
NS-CPP2B.25	Black	1220 x 0610 / 48 x 24	2 / 1/16
NS-CPP3.5N	Natural	1220 x 2440 / 48 x 96	3.5 / 9/64
NS-CPP3.5N.25	Natural	1220 x 0610 / 48 x 24	3.5 / 9/64
NS-CPP3B	Black	1220 x 2440 / 48 x 96	3.1 / 1/8
NS-CPP3B.25	Black	1220 x 0610 / 48 x 24	3.1 / 1/8
NS-CPP3F	Flesh	1220 x 2440 / 48 x 96	3.1 / 1/8
NS-CPP3F.25	Flesh	1220 x 0610 / 48 x 24	3.1 / 1/8
NS-CPP3F.5	Flesh	1220 x 1220 / 48 x 48	3.1 / 1/8
NS-CPP3N	Natural	1220 x 2440 / 48 x 96	3.1 / 1/8
NS-CPP3N.33	Natural	1220 x 0813 / 48 x 32	3.1 / 1/8
NS-CPP4.5B	Black	1220 x 2440 / 48 x 96	4.7 / 3/16
NS-CPP4.5B.25	Black	1220 x 0610 / 48 x 24	4.7 / 3/16
NS-CPP4.5B.5	Black	1220 x 1220 / 48 x 48	4.7 / 3/16
NS-CPP4.5DW.25	Dense White	1220 x 0610 / 48 x 24	4.7 / 3/16
NS-CPP4.5F.33	Flesh	1220 x 0813 / 48 x 32	4.7 / 3/16
NS-CPP4.5G.25	Flourescent Green	1220 x 0610 / 48 x 24	4.7 / 3/16
NS-CPP4.5P.25	Purple	1220 x 0610 / 48 x 24	4.7 / 3/16
NS-CPP4.5R.25	Red	1220 x 0610 / 48 x 24	4.7 / 3/16
NS-CPP4.5RB.25	Royal Blue	1220 x 0610 / 48 x 24	4.7 / 3/16
NS-CPP4.5Y.25	Yellow	1220 x 0610 / 48 x 24	4.7 / 3/16
NS-CPP4.7N	Natural	1220 x 2440 / 48 x 96	4.7 / 3/16
NS-CPP4.7N.25	Natural	1220 x 0610 / 48 x 24	4.7 / 3/16
NS-CPP4.7N.33	Natural	1220 x 0813 / 48 x 32	4.7 / 3/16
NS-CPP6B.25	Black	1220 x 0610 / 48 x 24	6 / 1/4
NS-CPP6B.33	Black	1220 x 0813 / 48 x 32	6 / 1/4
NS-CPP6F.33	Flesh	1220 x 0813 / 48 x 32	6 / 1/4
NS-CPP6N	Natural	1220 x 2440 / 48 x 96	6 / 1/4
NS-CPP6N.5	Natural	1220 x 1220 / 48 x 48	6 / 1/4
NS-CPPSQ406F12	Flesh	0406 x 0406 / 16 x 16	12 / 1/2
NS-CPPSQ406F15	Flesh	0406 x 0406 / 16 x 16	15 / 19/32
NS-CPPSQ406F9	Flesh	0406 x 0406 / 16 x 16	9 / 11/32
NS-CPPSQ406N15	Natural	0406 x 0406 / 16 x 16	15 / 19/32
NS-CPPSQ406N9	Natural	0406 x 0406 / 16 x 16	9 / 11/32