

## **Homopolymer**

### **Vendeur:**

North Sea Plastics

### **Applications:**

- Prosthetic and orthotic fabrications

### **Patient Benefits:**

### **Practitioner Benefits:**

- Stable
- Easy to control

### **Features:**

- Lightweight
- More rigid than copolymer
- Sheets are stress relieved
- Reasonable impact strength

### **Specifications:**

- Impact markedly reduced at temperatures below 5°C / 41°F
- 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

### **Indications:**

- Definitive prosthetic frame sockets
- AFO's, KAFO's, DAFO's, RGO's

### **Contraindications:**

### **Call Points:**

- Prosthetist
- Orthotist
- Prosthetic technician
- Orthotic technician



**North Sea Plastics Homopolymer**

<b>Item No.</b>	<b>Color</b>	<b>Size (mm)</b>	<b>Size (inch)</b>	<b>Thickness (mm)</b>	<b>Thickness (inch)</b>
NS-HPP2N.33	Natural SR	1220 x 0813	48 x 32	2	1/16
NS-HPP3N	Natural SR	1220 x 2440	48 x 96	3	1/8
NS-HPP3N.25	Natural SR	1220 x 0610	48 x 24	3	1/8
NS-HPP3N.33	Natural SR	1220 x 0813	48 x 32	3	1/8
NS-HPP4N	Natural SR	1220 x 2440	48 x 96	4	5/32
NS-HPP4N.25	Natural SR	1220 x 0610	48 x 24	4	5/32
NS-HPP4N.33	Natural SR	1220 x 0813	48 x 32	4	5/32
NS-HPP5N	Natural SR	1220 x 2440	48 x 96	5	3/16
NS-HPP5N.25	Natural SR	1220 x 0610	48 x 24	5	3/16
NS-HPP5N.33	Natural SR	1220 x 0810	48 x 32	5	3/16
NS-HPP5N.5	Natural SR	1220 x 1220	48 x 48	5	3/16
NS-HPP6N	Natural SR	1220 x 2440	48 x 96	6	1/4
NS-HPP6N.25	Natural SR	1220 x 0610	48 x 24	6	1/4
NS-HPP6N.33	Natural SR	1220 x 0813	48 x 32	6	1/4
NS-HPP6N.5	Natural SR	1220 x 1220	48 x 48	6	1/4