

## » Sea-Flex™

### High Temperature Thermoplastic

#### Supplier:

North Sea Plastics Ltd

#### Features & Benefits:

- Three distinct grades of flexibility
- Lightweight
- Excellent tear resistance; can be stitched or riveted
- No shrinkage
- Sheets can be bonded together

#### Specifications:

- Materials: *Polyolefin elastomer*
- Densities: 100 (*Ultra flex*), 200 (*Medium flex*) and 300 (*Stiff*)
- Thicknesses: 3.2mm ( $1/8''$ ), 4.8mm ( $3/16''$ ), 6.4mm ( $1/4''$ ),  
9.5mm ( $3/8''$ ), 12.7mm ( $1/2''$ ) and 16mm ( $5/8''$ )
- Thickness tolerance: 3.2mm = 2.4mm Min. 4.1mm Max.  
4.8mm = 3.9mm Min. 5.6mm Max.  
6.4mm =  $\pm 10\%$  (mean)  
9.5mm =  $\pm 15\%$  (mean)  
12.7mm =  $\pm 5\%$  (mean)  
16mm =  $\pm 5\%$  (mean)
- Heating temperature: 150° C (302° F)
- Heating time: 3 minutes per sheet/square thickness\*  
(\* Vendor suggested time; use as a guide only)

#### Indications:

- Flexible prosthetic sockets
- Wrist splints
- DAFO applications
- Body jackets

#### Call Points:

- Orthotist
- Orthotic technician
- Prosthetist
- Prosthetic technician

#### Warranty:

- Against manufacturers defects



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Item No.	Description	Thickness	Size
<b>SeaFlex™ 100 (Ultra Flex)</b>			
NS-SFLEX12203.2100	Flexible high temperature thermoplastic	3.2mm (1/8")	1,220 x 1,220 mm (48" x 48")
NS-SFLEX100SQ305N3	Flexible high temperature thermoplastic	3.2mm (1/8")	305 x 305 mm (12" x 12")
NS-SFLEX100SQ343N3	Flexible high temperature thermoplastic	3.2mm (1/8")	343 x 343 mm (13 1/2" x 13 1/2")
NS-SFLEX100SQ406N3	Flexible high temperature thermoplastic	3.2mm (1/8")	406 x 406 mm ( 16" x 16")
NS-SFLEX122034.8100	Flexible high temperature thermoplastic	4.8mm (3/16")	1,220 x 1,220 mm (48" x 48")
NS-SFLEX100SQ305N4	Flexible high temperature thermoplastic	4.8mm (3/16")	305 x 305 mm (12" x 12")
NS-SFLEX100SQ343N4	Flexible high temperature thermoplastic	4.8mm (3/16")	343 x 343 mm (13 1/2" x 13 1/2")
NS-SFLEX100SQ406N4	Flexible high temperature thermoplastic	4.8mm (3/16")	406 x 406 mm ( 16" x 16")
NS-SFLEX100N6	Flexible high temperature thermoplastic	6.4mm (1/4")	1,220 x 812 mm (48" x 32")
NS-SFLEX100SQ305N6	Flexible high temperature thermoplastic	6.4mm (1/4")	305 x 305 mm (12" x 12")
NS-SFLEX100SQ343N6	Flexible high temperature thermoplastic	6.4mm (1/4")	343 x 343 mm (13 1/2" x 13 1/2")
NS-SFLEX100SQ406N6	Flexible high temperature thermoplastic	6.4mm (1/4")	406 x 406 mm ( 16" x 16")
NS-SFLEX100N9	Flexible high temperature thermoplastic	9.5mm (3/8")	1,220 x 812 mm (48" x 32")
NS-SFLEX100SQ305N9	Flexible high temperature thermoplastic	9.5mm (3/8")	305 x 305 mm (12" x 12")
NS-SFLEX100SQ343N9	Flexible high temperature thermoplastic	9.5mm (3/8")	343 x 343 mm (13 1/2" x 13 1/2")
NS-SFLEX100SQ406N9	Flexible high temperature thermoplastic	9.5mm (3/8")	406 x 406 mm ( 16" x 16")
NS-SFLEX100N12	Flexible high temperature thermoplastic	12.7mm (1/2")	1,220 x 812 mm (48" x 32")
NS-SFLEX100SQ305N12	Flexible high temperature thermoplastic	12.7mm (1/2")	305 x 305 mm (12" x 12")
NS-SFLEX100SQ343N12	Flexible high temperature thermoplastic	12.7mm (1/2")	343 x 343 mm (13 1/2" x 13 1/2")
NS-SFLEX100SQ406N12	Flexible high temperature thermoplastic	12.7mm (1/2")	406 x 406 mm ( 16" x 16")
NS-SFLEX100N16	Flexible high temperature thermoplastic	16mm (5/8")	1,220 x 812 mm (48" x 32")
NS-SFLEX100SQ305N16	Flexible high temperature thermoplastic	16mm (5/8")	305 x 305 mm (12" x 12")
NS-SFLEX100SQ343N16	Flexible high temperature thermoplastic	16mm (5/8")	343 x 343 mm (13 1/2" x 13 1/2")
NS-SFLEX100SQ406N16	Flexible high temperature thermoplastic	16mm (5/8")	406 x 406 mm ( 16" x 16")
<b>SeaFlex™ 200 (Medium Flex)</b>			
NS-SFLEX12203.2200	Flexible high temperature thermoplastic	3.2mm (1/8")	1,220 x 1,220 mm (48" x 48")
NS-SFLEX200SQ305N3	Flexible high temperature thermoplastic	3.2mm (1/8")	305 x 305 mm (12" x 12")
NS-SFLEX200SQ343N3	Flexible high temperature thermoplastic	3.2mm (1/8")	343 x 343 mm (13 1/2" x 13 1/2")
NS-SFLEX200SQ406N3	Flexible high temperature thermoplastic	3.2mm (1/8")	406 x 406 mm ( 16" x 16")
NS-SFLEX122034.8200	Flexible high temperature thermoplastic	4.8mm (3/16")	1,220 x 1,220 mm (48" x 48")
NS-SFLEX200SQ305N4	Flexible high temperature thermoplastic	4.8mm (3/16")	305 x 305 mm (12" x 12")
NS-SFLEX200SQ343N4	Flexible high temperature thermoplastic	4.8mm (3/16")	343 x 343 mm (13 1/2" x 13 1/2")
NS-SFLEX200SQ406N4	Flexible high temperature thermoplastic	4.8mm (3/16")	406 x 406 mm ( 16" x 16")
NS-SFLEX200N6	Flexible high temperature thermoplastic	6.4mm (1/4")	1,220 x 812 mm (48" x 32")
NS-SFLEX200SQ305N6	Flexible high temperature thermoplastic	6.4mm (1/4")	305 x 305 mm (12" x 12")
NS-SFLEX200SQ343N6	Flexible high temperature thermoplastic	6.4mm (1/4")	343 x 343 mm (13 1/2" x 13 1/2")
NS-SFLEX200SQ406N6	Flexible high temperature thermoplastic	6.4mm (1/4")	406 x 406 mm ( 16" x 16")
NS-SFLEX200N9	Flexible high temperature thermoplastic	9.5mm (3/8")	1,220 x 812 mm (48" x 32")
NS-SFLEX200SQ305N9	Flexible high temperature thermoplastic	9.5mm (3/8")	305 x 305 mm (12" x 12")
NS-SFLEX200SQ343N9	Flexible high temperature thermoplastic	9.5mm (3/8")	343 x 343 mm (13 1/2" x 13 1/2")
NS-SFLEX200SQ406N9	Flexible high temperature thermoplastic	9.5mm (3/8")	406 x 406 mm ( 16" x 16")
NS-SFLEX200N12	Flexible high temperature thermoplastic	12.7mm (1/2")	1,220 x 812 mm (48" x 32")
NS-SFLEX200SQ305N12	Flexible high temperature thermoplastic	12.7mm (1/2")	305 x 305 mm (12" x 12")
NS-SFLEX200SQ343N12	Flexible high temperature thermoplastic	12.7mm (1/2")	343 x 343 mm (13 1/2" x 13 1/2")
NS-SFLEX200SQ406N12	Flexible high temperature thermoplastic	12.7mm (1/2")	406 x 406 mm ( 16" x 16")

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Item No.	Description	Thickness	Size
NS-SFLEX200N16	Flexible high temperature thermoplastic	16mm ( $\frac{5}{8}$ "	1,220 x 812 mm (48" x 32")
NS-SFLEX200SQ305N16	Flexible high temperature thermoplastic	16mm ( $\frac{5}{8}$ "	305 x 305 mm (12" x 12")
NS-SFLEX200SQ343N16	Flexible high temperature thermoplastic	16mm ( $\frac{5}{8}$ "	343 x 343 mm (13½" x 13½")
NS-SFLEX200SQ406N16	Flexible high temperature thermoplastic	16mm ( $\frac{5}{8}$ "	406 x 406 mm ( 16" x 16")
<b>SeaFlex™ 300 (Rigid)</b>			
NS-SFLEX12203.2300	Flexible high temperature thermoplastic	3.2mm ( $\frac{1}{8}$ "	1,220 x 1,220 mm (48" x 48")
NS-SFLEX300SQ305N3	Flexible high temperature thermoplastic	3.2mm ( $\frac{1}{8}$ "	305 x 305 mm (12" x 12")
NS-SFLEX300SQ343N3	Flexible high temperature thermoplastic	3.2mm ( $\frac{1}{8}$ "	343 x 343 mm (13½" x 13½")
NS-SFLEX300SQ406N3	Flexible high temperature thermoplastic	3.2mm ( $\frac{1}{8}$ "	406 x 406 mm ( 16" x 16")
NS-SFLEX122034.8300	Flexible high temperature thermoplastic	4.8mm ( $\frac{3}{16}$ "	1,220 x 1,220 mm (48" x 48")
NS-SFLEX300SQ305N4	Flexible high temperature thermoplastic	4.8mm ( $\frac{3}{16}$ "	305 x 305 mm (12" x 12")
NS-SFLEX300SQ343N4	Flexible high temperature thermoplastic	4.8mm ( $\frac{3}{16}$ "	343 x 343 mm (13½" x 13½")
NS-SFLEX300SQ406N4	Flexible high temperature thermoplastic	4.8mm ( $\frac{3}{16}$ "	406 x 406 mm ( 16" x 16")
NS-SFLEX300N6	Flexible high temperature thermoplastic	6.4mm ( $\frac{1}{4}$ "	1,220 x 812 mm (48" x 32")
NS-SFLEX300SQ305N6	Flexible high temperature thermoplastic	6.4mm ( $\frac{1}{4}$ "	305 x 305 mm (12" x 12")
NS-SFLEX300SQ343N6	Flexible high temperature thermoplastic	6.4mm ( $\frac{1}{4}$ "	343 x 343 mm (13½" x 13½")
NS-SFLEX300SQ406N6	Flexible high temperature thermoplastic	6.4mm ( $\frac{1}{4}$ "	406 x 406 mm ( 16" x 16")
NS-SFLEX300N9	Flexible high temperature thermoplastic	9.5mm ( $\frac{3}{8}$ "	1,220 x 812 mm (48" x 32")
NS-SFLEX300SQ305N9	Flexible high temperature thermoplastic	9.5mm ( $\frac{3}{8}$ "	305 x 305 mm (12" x 12")
NS-SFLEX300SQ343N9	Flexible high temperature thermoplastic	9.5mm ( $\frac{3}{8}$ "	343 x 343 mm (13½" x 13½")
NS-SFLEX300SQ406N9	Flexible high temperature thermoplastic	9.5mm ( $\frac{3}{8}$ "	406 x 406 mm ( 16" x 16")
NS-SFLEX300N12	Flexible high temperature thermoplastic	12.7mm ( $\frac{1}{2}$ "	1,220 x 812 mm (48" x 32")
NS-SFLEX300SQ305N12	Flexible high temperature thermoplastic	12.7mm ( $\frac{1}{2}$ "	305 x 305 mm (12" x 12")
NS-SFLEX300SQ343N12	Flexible high temperature thermoplastic	12.7mm ( $\frac{1}{2}$ "	343 x 343 mm (13½" x 13½")
NS-SFLEX300SQ406N12	Flexible high temperature thermoplastic	12.7mm ( $\frac{1}{2}$ "	406 x 406 mm ( 16" x 16")
NS-SFLEX300N16	Flexible high temperature thermoplastic	16mm ( $\frac{5}{8}$ "	1,220 x 812 mm (48" x 32")
NS-SFLEX300SQ305N16	Flexible high temperature thermoplastic	16mm ( $\frac{5}{8}$ "	305 x 305 mm (12" x 12")
NS-SFLEX300SQ343N16	Flexible high temperature thermoplastic	16mm ( $\frac{5}{8}$ "	343 x 343 mm (13½" x 13½")
NS-SFLEX300SQ406N16	Flexible high temperature thermoplastic	16mm ( $\frac{5}{8}$ "	406 x 406 mm ( 16" x 16")