

JASUD ORTHOTICS & PROSTHETICS SHEET TECHNICAL SPECIFICATIONS

Physical Specifications of the Various Materials: (HTTP)

| Property | Test Method | Ortho - PRC | Ortho - PC | Ortho - Flex | Ortho - H |
|------------------------------|-------------|-------------|------------|--------------|-----------|
| Density gms/cc | ASTM D 792 | 0.9 | 0.9 | 0.92 | 0.95 |
| Tensile Strength @ Yield Mpa | ASTM D 638 | 27.6 | 27 | 12.5 | 34.5 |
| Elongation @ Break % | ASTM D 638 | 680 | - | 800 | 900 |
| Izod Impact J/m | ASTM D 256 | 249 | 225 | - | - |
| Flexural Modulus Mpa | ASTM D 790 | 1220 | 1100 | - | - |
| Shore Hardness | ASTM D 2240 | 70 | - | - | - |

% Perforation Specifications of the Various Materials: (LTPP)

| Variant | % Perforation | Colour | Thickness | Length | Width |
|---------|---------------|---------|-----------|--------|--------|
| NS | 25 | Blue | 1.6 mm | 450 mm | 600 mm |
| NS | 25 | Blue | 1.6 mm | 900 mm | 600 mm |
| NS | 10 | Natural | 2.4 mm | 450 mm | 600 mm |
| NS | 10 | Natural | 2.4 mm | 900 mm | 600 mm |
| NS | 4 | Natural | 3.2 mm | 450 mm | 600 mm |
| NS | 4 | Natural | 3.2 mm | 900 mm | 600 mm |
| NS | 4 | Natural | 4 mm | 450 mm | 600 mm |
| NS | 4 | Natural | 4 mm | 900 mm | 600 mm |

The Supply Programme

Ortho - PRC

Ortho - PC

Orthoflex

Ortho - H

Ultraflex

Sheets are available in different Thickness.
The Length and the Width vary as per the thickness.

Supply Programme - Ortho - PRC

| Thickness | Length | Width | Colour |
|------------------|---------------|--------------|---------------|
| 2 mm | 2000 mm | 1000 mm | Natural |
| 3 mm | 2000 mm | 1000 mm | Natural |
| 4 mm | 2000 mm | 1000 mm | Natural |
| 5 mm | 2000 mm | 1000 mm | Natural |
| 6 mm | 2000 mm | 1000 mm | Natural |
| 12 mm | 2440 mm | 1220 mm | Natural |
| 15 mm | 2440 mm | 1220 mm | Natural |

Supply Programme - Ortho - PC

| Thickness | Length | Width | Colour |
|------------------|---------------|--------------|---------------|
| 2 mm | 2000 mm | 1000 mm | Natural |
| 3 mm | 2000 mm | 1000 mm | Natural |
| 4 mm | 2000 mm | 1000 mm | Natural |
| 5 mm | 2000 mm | 1000 mm | Natural |
| 6 mm | 2000 mm | 1000 mm | Natural |

Supply Programme - Orthoflex

| Thickness | Length | Width | Colour |
|------------------|---------------|--------------|---------------|
| 2 mm | 2000 mm | 1000 mm | Natural |
| 3 mm | 2000 mm | 1000 mm | Natural |
| 4 mm | 2000 mm | 1000 mm | Natural |
| 5 mm | 2000 mm | 1000 mm | Natural |
| 6 mm | 2000 mm | 1000 mm | Natural |
| 8 mm | 2000 mm | 1000 mm | Natural |

Supply Programme - Ortho - H

| Thickness | Length | Width | Colour |
|------------------|---------------|--------------|---------------|
| 1.5 mm | 2000 mm | 1000 mm | Natural |
| 2 mm | 2000 mm | 1000 mm | Natural |
| 3 mm | 2000 mm | 1000 mm | Natural |
| 4 mm | 2000 mm | 1000 mm | Natural |
| 5 mm | 2000 mm | 1000 mm | Natural |

Supply Programme - Ultraflex

| Thickness | Length | Width | Colour |
|------------------|---------------|--------------|---------------|
| 2 mm | 2000 mm | 1000 mm | Natural |
| 4 mm | 2000 mm | 1000 mm | Natural |