PVC Non Pressure

# 9100451830R

## 100X45D TELCO BEND FF COMM 1.83M RAD



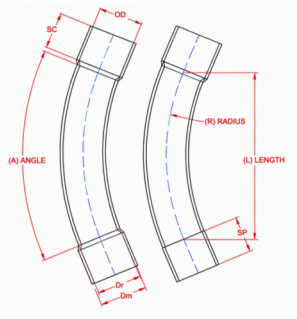
## Technical Data

### Product Properties

| | |
|---|---|
| Material | PVC |
| Colour | White |
| Approximate mass | 2.6 kg |

### Product Dimensions

| | |
|---|---|
| Nominal size | 100 mm |




**DIMENSION TABLE**

| DN | A (NOM) | R (NOM) | OD (NOM) | Dr Min | Dr Max | Dm Min | Dm Max | SC | SP | Length (L) |
|---|---|---|---|---|---|---|---|---|---|---|
| 100 | 45 | 1830 | 114 | 113.5 | 113.8 | 114.8 | 115.1 | 100 | 100 | 1401 |

### Jointing Details

| | |
|---|---|
| Joint type | SWJ |

## Material Properties

### Mechanical

| | |
|---|---|
| Density 'specific gravity' | 1.43 - 1.5 |
| Poissons ratio | 0.38 |
| Ring bending modulus (3 mins) | 3200 MPa |

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## Thermal

| | |
|---|---|
| Coefficient of thermal expansion | 7x10-5 /°C |
| Thermal conductivity | 0.138 - 0.150 W.m-1°C-1 |

## Fire Resistance

| | |
|---|---|
| Flammability | Will not support combustion |
| Ignitability - AS 1530* | 7 |
| Smoke development - AS 1530* | 9 |
| Spread of flame - AS 1530* | 0 |
| Heat evolved - AS 1530* | 2 |

*AWTA test report number 7-558788-CV

## Electrical

| | |
|---|---|
| Volume resistivity | 1015 ohm.cm |
| Surface resistivity | ≥ 10^13 Ω |



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