



DR27151045HD

DN150 X 100 X 45D HD SN8 DWV PVC-U Junction MF x2 RRJ

APPLICATION To combine (or divide) non-pressure sewage/greywater flow and change direction of a pipeline

FEATURES

- BEP PVC - Manufactured from Best Environmental Practice PVC
- Installation Economics
- Operation Efficiencies
- Corrosion Resistant
- Tree root intrusion resistance
- Leakage Elimination

TECHNICAL DATA

PRODUCT PROPERTIES

| | |
|---|---------|
| Primary Material | PVC-U |
| Colour | Grey |
| Joint Type | RRJ |
| Allowable Operation Temperature - Degrees | 60°C |
| Allowable Operating Pressure - 20°C | 900kPa |
| Average # of Joints per Litre – Iplex Lubricant | 25 |
| Unprotected UV Exposure (years) | 2 Years |



PRODUCT DIMENSIONS

| | | | |
|----------|----------|------------|--------|
| Category | Junction | Degree | 45 |
| Rating | SN8 | Weight | 2.37kg |
| Nominal | 150mm | Carton Qty | 5 |

ENVIRONMENTAL CREDENTIALS AND STANDARDS

| | |
|-------------------------------|---|
| Environmental Accreditation | Best Environmental PVC - PVC Certificate No. BEP-PVC 0037 |
| Product Standard | AS/NZS 1260 "PVC-U pipes and fittings for drain, waste and vent applications" |
| Watermark Certification 23900 | WSAA Appraisal - PA1404 |

MATERIAL PROPERTIES

MECHANICAL

| | |
|------------------------------|---------|
| Density Specific Gravity | 1.47 |
| Ultimate Tensile Strength | 52MPa |
| Yield Strain | 5.5% |
| Compressive Strength | 66MPa |
| Tensile Modulus | 2750MPa |
| Hardness Shore D | 85 |
| Poissons Ratio | 0.38 |
| Ring Bending Modulus (3mins) | 3200MPa |
| Ring Bending Modulus (50Yrs) | 1400MPa |

THERMAL

| | |
|----------------------------------|-------------------------------------|
| Coefficient of Thermal Expansion | $7 \times 10^{-5} / ^\circ\text{C}$ |
| Thermal Conductivity | 0.138W/m.K |
| Specific Heat | 1047 J/kg/°C |
| Vicat Softening Temperature | 75°C |
| Flammability | Will not support combustion |
| Fire Index – Ignitability | 8 |
| Fire Index – Smoke Development | 8 |
| Fire Index – Spread of Flame | 0 |
| Fire Index – Heat Evolved | 1 |

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