

MELBOURNE RETAIL WATER AGENCIES (MRWA)



Commonly used Acronyms for product pipeline systems

ABBREVIATION	INTERPRETATION
<i>Pipe/Fitting Material Types</i>	
ABS	Acrylonitrile Butadiene Styrene
AC	Asbestos Cement (manufacture ceased 1985)
CI	Grey Cast Iron (manufacture ceased 1979)
Cu	Copper
DI	Ductile Cast Iron
FRP	Fibre reinforced plastic
GRP	Glass Reinforced Plastic (includes centrifugally cast and filament wound)
HDPE	High Density Polyethylene (Early PE pipe in Australia)
MDPE	Medium Density Polyethylene (use where grade for MDPE unknown)
MS	Mild Steel
PE	Polyethylene (Generic)
PE100	Polyethylene Grade 100
PE80B	Polyethylene Grade 80B
PE80C	Polyethylene Grade 80C
PE-X	Cross-linked Polyethylene
PP	Polypropylene
PSC	Prestressed Concrete (manufacture ceased 1970s)
PVC-M	Modified Polyvinylchloride
PVC-O	Oriented Polyvinylchloride
PVC-U	Unplasticised Polyvinylchloride
RC	Reinforced concrete
RCP	Reinforced Concrete Plastic Lined
S	Steel
SS	Stainless Steel
VC	Vitrified Clay
<i>Linings/Coatings</i>	

B	Bitumen
BH	Bitumen with Hessian
CL	Cement (mortar) Lined
CLIS	Cement Lined In-Situ
CLSC	Cement Lined Seal Coat
CTE	Coal Tar Enamel
EL	Epoxy Lined
FBE	Fusion Bonded Epoxy
FBPE	Fusion Bonded
G	Gunnite
IZS	Inorganic Zinc Silicate
P	Plastics (uPVC) Lined
PELS	Polyethylene loose sleeving
PU	Polyurethane
PUA	Polyurea
S	Salt Glazed
SC	Seal Coat (Bitumen)
TW	Tape Wrapped
Jointing Methods	
BFJ	Butt Fusion Weld Joint (PE)
BSWJ	Ball and Socket Weld Joint
BWJ	Butt Weld Joint (Steel)
CWJ	Collar Weld Joint (Steel)
EFJ	Electrofusion Coupling Weld Joint
FJ	Flanged Joint (Steel, Ductile Iron,
LJ	Lead Joint
MCJ	Mechanical Coupling Joint
PJ	Plumbite Joint
RRJ	Rubber Ring Joint
RRJL	Rubber Ring Joint embedded
SCJ	Solvent Cement Joint
SPWJ	Spherical Slip-In Weld Joint
SWJ	Solvent Weld Joint

General	
%	percentage
°	degree
AV	Air (release) valve
AS	Australian Standard
AS/NZS	Australian/New Zealand Standard
CLSM	controlled low strength material
CWW	City West Water Limited
di	internal diameter
DN	nominal size
FL	Flange
FF	full face
ID	internal diameter
IO	Inspection Opening
IS	inspection shaft
m	metre
mm	millimetre
MRWA	Melbourne Retail Water Agencies
MC	Maintenance Chamber
MH	Maintenance Hole
MS	Maintenance Shaft
OD	Outside Diameter
PN	Nominal pressure, in megapascals x 10
PRV	Pressure Reducing Valve
PS	Product Specification
SDR	standard dimension ratio
SEW	South East Water Limited
SN	stiffness class (number)
SOC	Socket
SP	Spigot
SR	spigot and recess
SV	stop valve
TUP	tapping under pressure

TMS	Terminal Maintenance Shaft
UPCIC	under pressure cut-in connection
WSAA	Water Services Association of Australia Inc.
YVW	Yarra Valley Water