

Chemflo Specification Sheet



Pressure Pipes & Fittings



Product: CPV-Chemflo

Date: 1st January 2014

Polypropylene, PVDF & Natural Pressure Pipes, Fittings & Valves

Metric Polypropylene Beige Grey

Pressure Pipe

Metric pressure polypropylene pipes shall be manufactured from beige grey (RAL 7032) polypropylene block copolymer (PP-B) to dimensions and tolerances as specified in ISO 15494 : 2003. The pipe shall have a high impact resistance particularly at sub zero temperatures to -20°C. The quality standards and testing regime for the manufacture of the pipe shall be to DIN 8078 (Type 2 (PP-B)):1994. The pipes shall be Chemflo metric polypropylene pressure pipes from CPV Ltd., (01794 322884).

Pressure Fittings

Metric pressure polypropylene fittings shall be manufactured from beige grey (RAL 7032) polypropylene block copolymer (PP-B) to dimensions and tolerances as specified in DIN 16962 & ISO 7279:1984 and ISO 15494 : 2003 Type B. The quality standards and testing regime for the manufacture of the fittings shall be to DIN 16962-5 and ISO 15494 : 2003. The fittings shall be Chemflo metric polypropylene pressure fittings from CPV Ltd., (01794 322884).

Pressure Valves

Metric pressure polypropylene valves shall be manufactured from beige grey (RAL 7032) polypropylene homopolymer (PP-H) to dimensions and tolerances as specified in DIN 3442. The valve connections shall be manufactured to DIN 16962 (Socket & butt fusion), ANSI, ASA, DIN, JIS and BS flanges. The quality standards and testing regime for the valve shall be to DIN 3442 TI and certified DIN EN19. The valves shall be Praher metric polypropylene pressure valves from CPV Ltd., (01794 322884).

Inch Polypropylene Beige Grey

Pressure Pipes

Inch pressure polypropylene pipes shall be manufactured from beige grey (RAL 7032) polypropylene block copolymer (PP-B) to materials, dimensions, tolerances, marking and test methodology as specified in BS 4991: 1974 Series 2. The pipe shall have a high impact resistance particularly at sub zero temperatures to -20°C. The pipes shall be Chemflo inch polypropylene pressure pipes from CPV Ltd., (01794 322884).

Pressure Fittings

Inch pressure polypropylene fittings shall be, manufactured from beige grey (RAL 7032) polypropylene copolymer (PP-B) to fit pipes of dimensions and tolerances as specified in BS 4991: 1974 Series 2. The fittings shall either be socket fusion (10 bar), or threaded (6 bar) up to 4" diameter. The fittings shall have a high impact resistance particularly at sub zero temperatures to -20°C. The fittings shall be Chemflo inch polypropylene pressure fittings from CPV Ltd., (01794 322884).

Pressure Valves

Inch pressure polypropylene valves shall be socket fusion type, manufactured from beige grey (RAL 7032) polypropylene homopolymer (PP-H) to fit pipes of dimensions and tolerances as specified in BS 4991: 1974 Series 2. The quality standards and testing regime for the valve shall be to DIN 3442 TI and certified DIN EN19. The valves shall be Praher inch polypropylene pressure valves from CPV Ltd., (01794 322884).

Inch Polypropylene Pure / Natural

Pressure Pipes

Inch pressure polypropylene pipes shall be manufactured from natural pure polypropylene block copolymer (PP-B) to materials, dimensions, tolerances, marking and test methodology as specified in BS 4991: 1974 Series 1. The pipes shall be Chemflo inch natural polypropylene pressure pipes from CPV Ltd., (01794 322884).

Pressure Fittings

Inch natural pressure polypropylene fittings shall be, manufactured from pure unpigmented polypropylene block copolymer (PP-B) to fit pipes of dimensions and tolerances as specified in BS 4991: 1974 Series 1. The fittings shall be socket fusion (10 bar) up to 4" diameter. The fittings shall have a high impact resistance particularly at sub zero temperatures to -20°C. The fittings shall be Chemflo inch natural polypropylene pressure fittings from CPV Ltd., (01794 322884).

Metric Polyvinylidene Fluoride (PVDF)

Pressure Pipe

Metric pressure PVDF pipes shall be manufactured from pure un-pigmented Solef PVDF to dimensions and tolerances as specified in BS ISO 10931 Pts 1-5 : 1997 (Pipes, Fittings and Valves). The quality standards and testing regime for the manufacture of the pipe shall be to BS ISO 10931 Pts 1-5 : 1997 (Pipes, Fittings and Valves). The pipes shall be Chemflo metric PVDF pressure pipes from CPV Ltd., (01794 322884).

Pressure Fittings

Metric pressure PVDF fittings shall be manufactured from pure un-pigmented Solef PVDF to dimensions and tolerances as specified in BS ISO 10931 Pts 1-5 : 1997 (Pipes, Fittings and Valves). The quality standards and testing regime for the manufacture of the fittings shall be to BS ISO 10931 Pts 1-5 : 1997 (Pipes, Fittings and Valves). The fittings shall be Chemflo metric PVDF pressure fittings from CPV Ltd., (01794 322884).

Pressure Valves

Metric pressure PVDF valves shall be manufactured from pure un-pigmented Solef PVDF to dimensions and tolerances as specified in BS ISO 10931 Pts 1-5 : 1997 (Pipes, Fittings and Valves). The valve connections shall be manufactured to BS ISO 10931 Pts 1-5 : 1997 (Pipes, Fittings and Valves). The quality standards and testing regime for the valve shall be to ISO / FDIS 9393-2 and certified DIN EN19. The valves shall be Praher metric PVDF pressure valves from CPV Ltd., (01794 322884).

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