

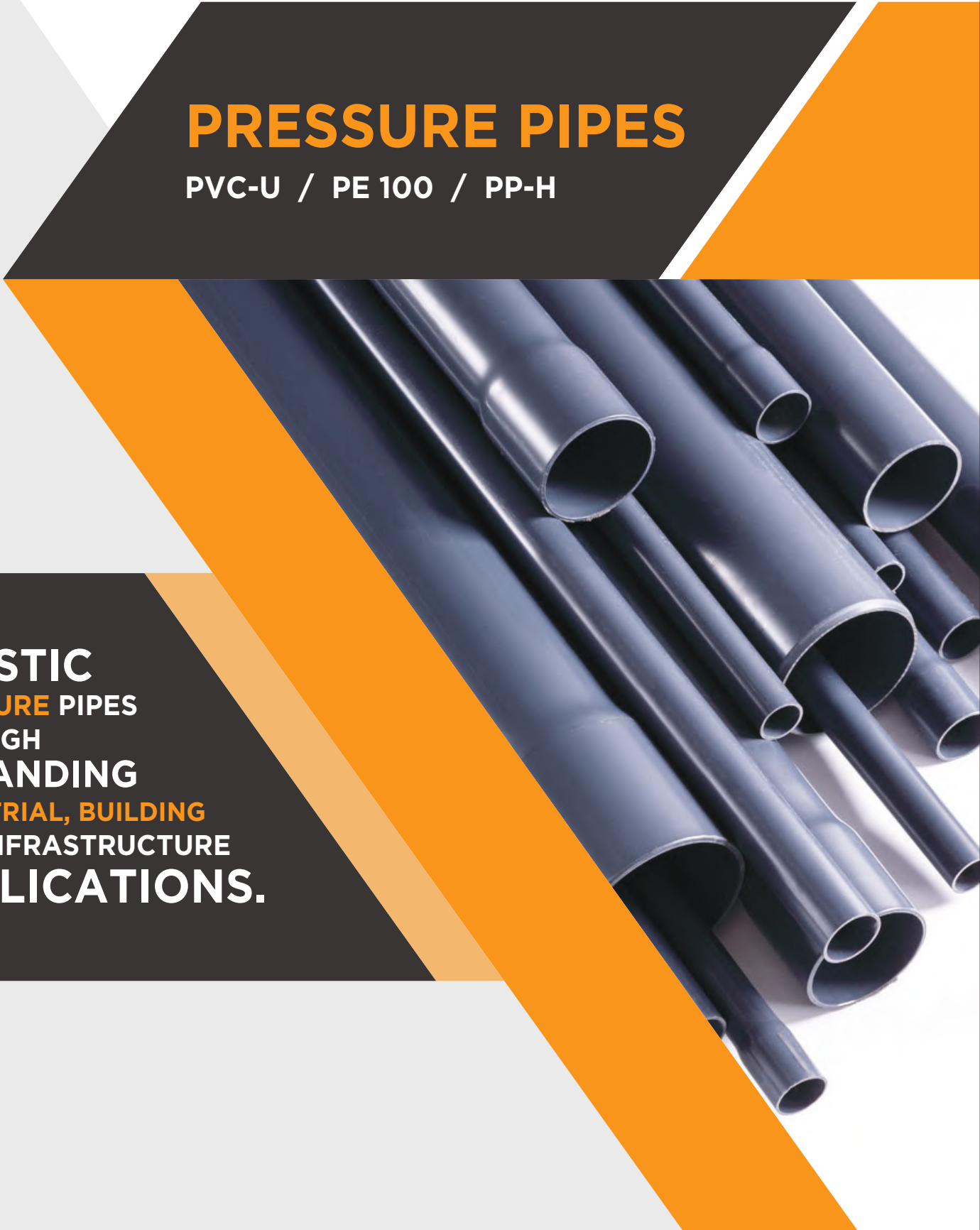


# PRESSURE PIPES

PVC-U / PE 100 / PP-H

**PLASTIC**  
**PRESSURE** PIPES  
FOR HIGH  
**DEMANDING**  
**INDUSTRIAL, BUILDING**  
AND INFRASTRUCTURE  
**APPLICATIONS.**

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## PP-H PRESSURE PIPE POLYPROPYLENE:

PP-H possesses increased rigidity, especially at higher temperatures, making it ideal for above ground pipe work installations. Characteristics include high chemical/temperature resistance and good long-term properties to a range of media, even at higher temperatures.

### PP-H PROPERTIES:

- High strength and rigidity.
- High resistance to stress cracking against acids, alkaline solutions and solvents.
- Excellent welding properties.

### TEMPERATURE RANGE:

+0°C to +100°C.

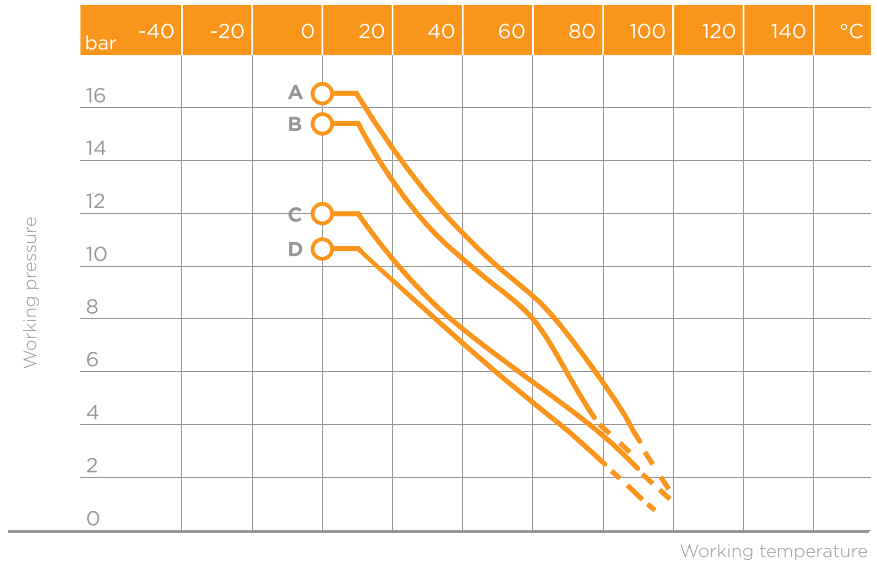


## TECHNICAL DATA

### PRESSURE VARIATION ACCORDING TO TEMPERATURE:

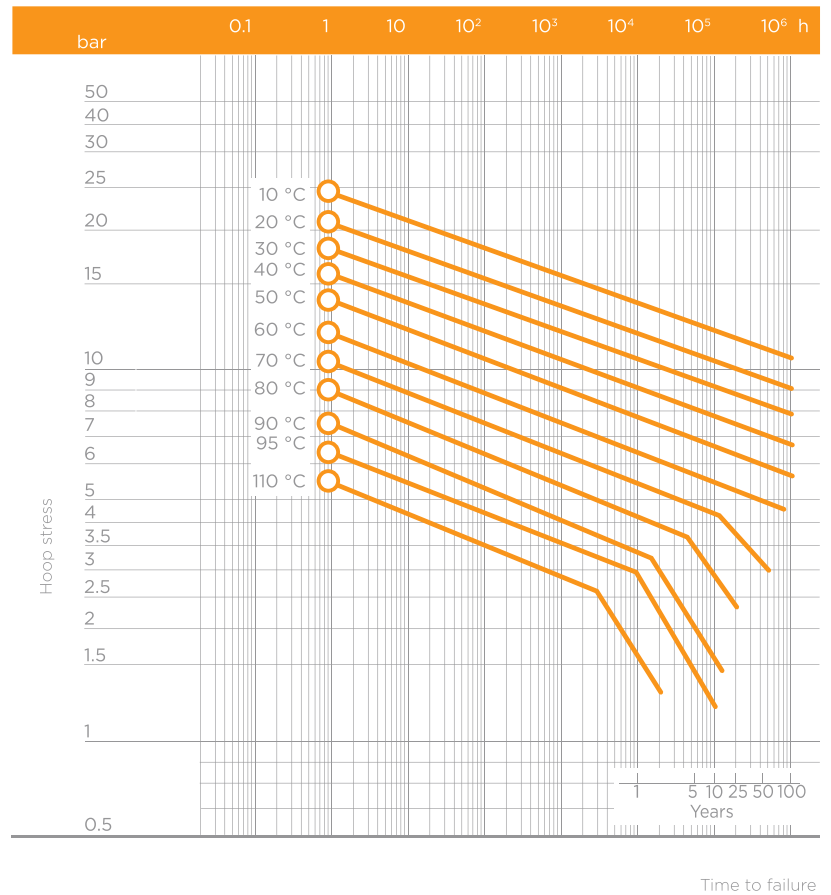
For water and non-hazardous fluids with regard to which the material is classified as CHEMICALLY RESISTANT. In other cases, a reduction of the nominal pressure PN is required.

- A = SDR 11 ISO-S5 - 5 years
- B = SDR 11 ISO-S5 - 25 years
- C = SDR 17.6 ISO-S8.3 - 5 years
- D = SDR 17.6 ISO-S8.3 - 25 years



### REGRESSION CURVES FOR PIPES IN PP-H

Regression coefficient in accordance with standard DIN and EN ISO for MRS = 10 N/mm<sup>2</sup>



**PP-H  
PRESSURE  
PIPES**
**SDR-11  
S - 5**

PN16 Code SDR 44 - S 8	Ø DIAMETER	DN	OUTSIDE DIAMETER	INSIDE DIAMETER	WALL THICKNESS	KG/Mtr.
O230NPF0050HP	20	15	21.9	18.1	1.9	0.11
O230NPF0075HP	25	20	27.3	22.7	2.3	0.16
O230NPF0100HP	32	25	34.9	29.1	2.9	0.26
O230NPF0125HP	40	32	43.7	36.3	3.7	0.41
O230NPF0150HP	50	40	54.6	45.4	4.6	0.64
O230NPF0200HP	63	50	68.8	57.2	5.8	1.01
O230NPF0250HP	75	65	81.8	68.2	6.8	1.41
O230NPF0300HP	90	80	98.2	81.8	8.2	2.03
O230NPF0400HP	110	100	120	100	10.0	3.01
O230NPF0450HP	125	100	136.4	113.6	11.4	3.91
O230NPF0500HP	140	125	152.8	127.2	12.8	4.87
O230NPF0600HP	160	150	174.6	145.4	14.6	6.38
O230NPF0700HP	180	150	196.4	163.6	16.4	8.07
O230NPF0800HP	200	200	218.2	181.8	18.2	10.00
O230NPF0900HP	225	200	245.5	204.5	20.5	12.60
O230NPF1000HP	250	250	272.7	227.3	22.7	15.50
O230NPF1100HP	280	250	305.4	254.6	25.4	19.40
O230NPF1200HP	315	300	343.6	286.4	28.6	24.60
O230NPF1400HP	355	350	387.2	322.8	32.2	31.20
O230NPF1600HP	400	400	436.3	363.7	36.3	40.00

## PP-H PRESSURE PIPES

**SDR-17.6**  
**S - 8.3**

PN16 Code SDR 44 - S 8	Ø DIAMETER	DN	OUTSIDE DIAMETER	INSIDE DIAMETER	WALL THICKNESS	KG/Mtr.
O230LPF0100HP	32	25	33.9	30.1	1.9	0.17
O230LPF0125HP	40	32	42.3	37.7	2.3	0.27
O230LPF0150HP	50	40	52.9	47.1	2.9	0.42
O230LPF0200HP	63	50	66.6	59.4	3.6	0.66
O230LPF0250HP	75	65	79.3	70.7	4.3	0.94
O230LPF0300HP	90	80	95.1	84.9	5.1	1.33
O230LPF0400HP	110	100	116.3	103.7	6.3	1.99
O230LPF0450HP	125	100	132.1	117.9	7.1	2.55
O230LPF0500HP	140	125	148	132	8.0	3.20
O230LPF0600HP	160	150	169.1	150.9	9.1	4.17
O230LPF0700HP	180	150	190.2	169.8	10.2	5.25
O230LPF0800HP	200	200	211.4	188.6	11.4	6.50
O230LPF0900HP	225	200	237.8	212.2	12.8	8.19
O230LPF1000HP	250	250	264.2	235.8	14.2	10.10
O230LPF1100HP	280	250	295.9	264.1	15.9	12.50
O230LPF1200HP	315	300	332.9	297.1	17.9	16.00
O230LPF1400HP	355	350	375.1	334.9	20.1	20.30
O230LPF1600HP	400	400	422.7	377.3	22.7	28.70



/hydroplast-fittings



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**PRESSURE PIPES**  
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