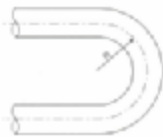


# Key Terms

## Bending Radius

It is minimum usable bending radius which is a distance to the central axis of hose. Hose should not be used with a shorter bending radius than the minimum bending radius.



## Working Pressure

It is usable maximum pressure in the range of use from straight pipe to bent pipe with bending radius at 20°C. Please note that the working pressure may change depending on service temperature, flexural state, combination of clamp and band. For general use, hose should be used with less pressure than 1/4 of the allowable value. In case that pressure is continuously applied for a long period, hose should be used with less pressure than 1/4 of the allowable value (2/3 for Tiflex WS, New WR, WR-S, FC).

## Allowable Reduced Pressure (at normal temperature)

It is maximum negative pressure which can be applied to a hose at normal temperature. Hoses can not be used with any more negative pressure than that. In addition, the allowable reduced pressure gets lower in case that the service temperature becomes higher.

## Deformation Temperature under Reduced Pressure

It is temperature which a straight pipe deforms under reduced pressure at -0.1 MPa/-760mmHg. It is not available temperature limit.

- These descriptions can be altered for a reason of improvement without any notification.
- These descriptions shall be as of December 1, 2011.

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