



Johndec Engineering Plastics

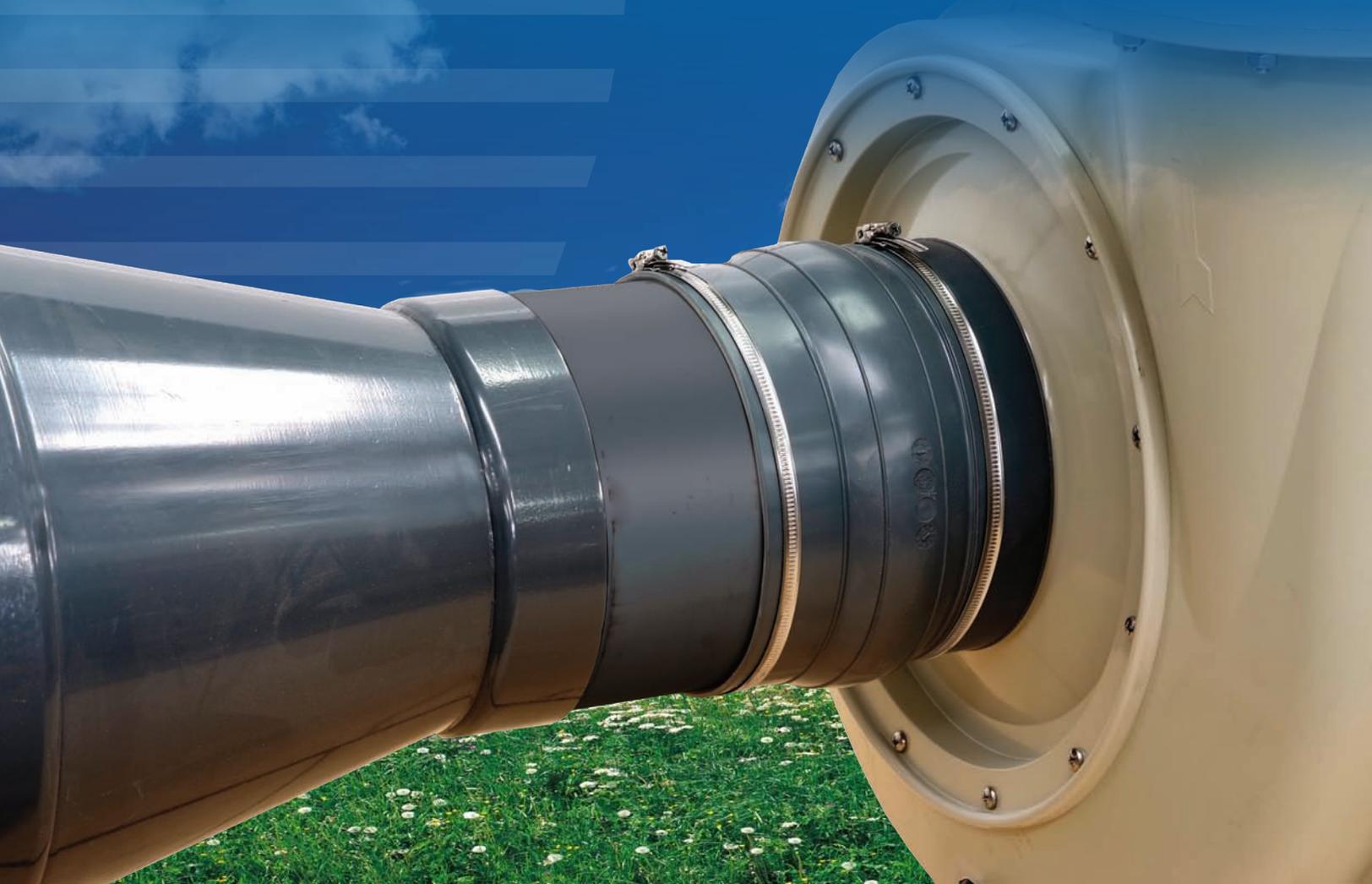
Moulded Fittings & Pipes

Johndec moulded fittings are seamless moulded and are segment free, the fittings can contain both gaseous, abrasive and corrosive media. The Johndec moulded fittings are offered at the standard tube nominal diameters and can be manufactured with pipe connections; bushing connection and flanged connections. Standard extruded pipe is also available to suit the fittings.

Range Of Use

The Johndec-moulded fittings are suitable for assembling in pipelines in which gaseous, abrasive and corrosive media are transported. As materials for the Johndec-moulded fittings, different thermo-plastics stand with different and maximally permissible thermal loads for the selection.

PVC	Polyvinyl chloride	RAL7011	(Iron grey)
PVC-C (CORZAN)	Chloridized polyvinyl chlorid	US Norm 215 resp.245	(Grey)
PP	Polypropylene	RAL 7032	(Silicic grey)
PPs	Polypropylene (flame resistant)	RAL 7037	(Dust grey)
PE	Polyethylene		(Black)
PP-el-s (PPs-el)	Polypropylene flame-retardant, electrically conductive		(Black)
PVDF	Polyvinylidene fluoride		(Nature)



Johndec Moulded Fittings

The subsequent table contains the thermal stress and a coarse classification of the chemical constancy of the individual materials.

Material	Temperature limits for medium to be pumped (pressure-dependent)		Resistant	Not Resistant
	From	To		
PVC	-5°C	+50°C	Acids and leaches	Aromatic solvents, esters, ketones, chloridized hydro-carbons
PVC-C (CORZAN)	-5°C	+100°C	Acids and leaches aliphatic solutions	Aromatic solvents, esters, ketones, chloridized hydro-carbons
PP	-5°C	+100°C	Acids, leaches, low solvents	Oxidizing solvents, halogens
PPs	-5°C	+100°C	Acids, leaches, low solvents	Oxidizing solvents and acids, halogens
PE	-20°C	+70°C	Acids, leaches, low solvents	Oxidizing solvents and acids, halogens
PP-el-s (PPs-el)	-5°C	+70°C	Acids, leaches, low solvents	Oxidizing solvents and acids, halogens
PVDF	-20°C	+120°C	Organic acids, inorganic chemicals	Ketones, vitriolic acids

Increasing temperatures deoxidise the permissible system compression. Please, hold consultation at other temperature ranges with the manufacturer.

- ▶ Pipework
- ▶ Bends
- ▶ Connecting Pieces
- ▶ T-Pieces
- ▶ Final Cover
- ▶ Branches
- ▶ Connecting Sleeves
- ▶ Twin Sleeves
- ▶ Air Grilles
- ▶ Reducer
- ▶ Flanges
- ▶ Silencers
- ▶ Cows
- ▶ Dampers

