

COVALENCE HSP OFF-SHORE PRODUCTS - OVERVIEW

PRODUCT NAME	COATING LAYERS	MAX OPERATING TEMPERATURE	COMPATIBLE LINE COATINGS						SURFACE PREPARATION	PREHEAT TEMPERATURE (min)	THICKNESS AS SUPPLIED	INFILL REQUIREMENT
			PE	PP	FBE	Tape	CT1	CTE				
2 LAYER												
WPCZ	Low preheat Visco-elastic sealant adhesive Radiation cross-linked, high density polyethylene with PCI ²	60°C (140°F)with infill	●	●	●	●	●	●	ST 2 1/2 - ST3 or SA 2 1/2	60°C (140°F)	1.55mm (0.062in)	Required
WPC(T)	Low preheat Visco-elastic sealant adhesive Radiation cross-linked, high density polyethylene with PCI ²	40°C (104°F) ³ 60°C (140°F)with infill	●	●	●	●	●	●	ST 2 1/2 - ST3 or SA 2 1/2	60°C (140°F)	(T) 1.95 mm (0.077in.) /B 2.26mm (0.090in) /C 2.54mm (0.101in)	Optional
WPC-C50	Visco-elastic sealant adhesive Radiation cross-linked, high density polyethylene with PCI ²	60°C (140°F)	●		●	●	●		ST2½ - ST3	80°C (176°F)	2.5mm (0.100in)	Optional
WPC65M	Low preheat Visco-elastic sealant adhesive Radiation cross-linked, high density polyethylene with PCI ²	65°C (149°F) 85°C (185°F)with infill	●	●	●	●	●	●	ST 2 1/2 - ST3 or SA 2 1/2	70°C (160°F)	1.75mm (0.070in) /C 2.54mm (0.101in)	Optional
WPC65M-PP	Low preheat Visco-elastic sealant adhesive Radiation cross-linked polypropylene backing layer with PCI ²	65°C (149°F) 85°C (185°F)with infill	●	●	●	●	●	●	ST 2 1/2 - ST3 or SA 2 1/2	70°C (160°F)	1.75mm (0.070in) /C 2.54mm (0.101in)	Optional
WPC100M	Visco-elastic high temperature sealant adhesive Radiation cross-linked, high density polyethylene with PCI ²	100°C (212°F)	●	●	●	●	●	●	ST 2 1/2 - ST3 or SA 2 1/2	100°C(212°F)	1.75mm (0.070in)	Optional
WPC120	High shear strength copolymer adhesive layer Radiation cross-linked, high density polyethylene with PCI ²	121°C (250°F)	●		●				SA 2 1/2	230°C (446°F)	/B 1.75mm (0.069in)	Optional
PPS120	High shear strength copolymer adhesive layer Radiation cross-linked, high density polyethylene with PCI ²	121°C (250°F)	●	●	●				SA 2 1/2	200-210°C (392-410°F)	/B 1.75mm (0.069in)	Optional
3 LAYER												
HTLP60	Liquid epoxy, solvent-free two-component High shear strength copolymer adhesive Radiation cross-linked, high density polyethylene with PCI ²	65°C (149°F)	●	●	●				SA 2 1/2	70°C (158°F)	/B 1.75mm(0.069in) /1-1.5 2.25mm (0.090in) /1.2-1 1.9mm (0.074in) /1.4-1 2.04mm(0.080in) /C 2.54mm (0.101in)	Optional
HTLP60-HP	Liquid epoxy, solvent-free two-component High shear strength copolymer adhesive. Radiation cross-linked, high density polyethylene with PCI ²	65°C (149°F)	●		●				SA 2 1/2	70°C (158°F)	/B 1.75mm(0.069in) /1.2-1 1.9mm (0.074in) /C 2.54mm (0.101in)	Optional
HTLP80	Liquid epoxy, solvent-free two-component High shear strength copolymer adhesive Radiation cross-linked, high density polyethylene with PCI ²	85°C (185°F)	●		●				SA 2 1/2	70°C (158°F)	/B 1.75mm(0.069in) /1-1.5 2.25mm (0.090in) /1.2-1 1.9mm (0.074in) /1.4-1 2.04mm(0.080in) /C 2.54mm (0.101in) /1.4-1.8 2.84mm(0.112in)	Optional
HTLP-PP ⁴	Two component liquid epoxy High shear strength polypropylene adhesive layer Radiation cross-linked polypropylene backing layer with PCI ²	120°C (248°F)		●					SA 2 1/2	170°C-180°C (338°F-356°F)	/B 1.75mm(0.069in) /C 2.54mm (0.101in)	Optional

¹Coal Tar ²PCI Permanent change indicator ³For pipe diameters ≤ 16" (DN400): 45°C (113°F) ⁴Requires induction coil for installation