



# 1900RSCHH

## FABRICATED RESTRAINED COUPLING FOR HDPE

### APPLICATIONS:

The Robar **1900RSCHH** universal wide-range restrained mechanical couplings allow for plain end connections between HDPE plain ended pipes of the same or different outside diameters.

### MATERIAL SPECIFICATIONS:

Centre Sleeve & End Rings: Carbon steel per ASTM A36 or CSA 44W  
 Gasket: NBR per ASTM D2000  
 Coating: Fusion Epoxy per AWWA C213 or Liquid Epoxy per C210  
 Fasteners: 1906RSCHH - T-304 Stainless steel per ASTM A193  
 1908RSCHH - ASTM A193 Gr B7



- Used for \*HDPE connections
- 1.25" working range on pipe OD
- Installation requires only a torque wrench
- Wide working range makes the 1900RSCHH easy to install even on out-of-round pipes
- Dynamically restrain axial movement of pipes by incorporating "Connex Gripping" technology
- Allow angular deflection before and after installation
- Can be customised to join & restrain ductile & PVC to HDPE
- 1900RSCHH is NSF61 epoxy coated
- Tie rods are ASTM A193 Gr B7, meeting the requirements of AWWA M-11 for load ratings (stainless available on request)
- Restrained Coupling Adapter meets or exceeds the applicable requirements of:  
 AWWA C219  
 ASTM D2000

\* Robar pipe inserts must be used.

† Contact your Sales Rep for details.

PIPE OD	MAX PRESSURE RATING	# GRIPPERS & TIE RODS	MAX SDR	WALL THICKNESS
18.00	254	12	13.5	1.33
20.00	254	14	15.5	1.29
22.00	200	14	17	1.29
24.00	200	20	17	1.41
26.00	200	20	21	1.24
28.00	200	22	21	1.33
30.00	200	24	21	1.43
31.59	160	28	26	1.22
32.00	128	28	26	1.23
36.00	128	32	26	1.38
39.47	100	36	26	1.52
40.00	128	36	26	1.54
42.00	100	40	26	1.62
44.50	100	42	26	1.71
45.25	100	44	26	1.74
47.38	100	44	26	1.82
48.00	100	44	26	1.85
54.00	100	54	26	2.08

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