



شرکت دانش بنیان مه راد صنعت خلاق (رادکو)

Pipeline Repair Products

High Pressure & High Temperature
Offshore & Onshore Pipeline

MahRad Sanat Khallagh co (RADCO), Ltd

Main Office:

Science and Technology Park

Qazvin, Iran

P.O.BOX 3471991831

Manufacturing Workshop:

Caspian Industrial Estate

Qazvin, Iran

P.O.BOX 3445183141

EPRS Brochure



Pipeline Repair Products

PRODUCT DETAIL

MATERIAL SPECIFICATIONS:

ASTM A106, ASTM A516, ASTM A216

ASTM A105, ASTM A694 FORGING, AISI 4140

Elastomer Seals: HNBR, Viton or Buna-N

Studs & Nuts: ASTM A193 Gr. B7, A194 Gr. 2HM heavy hex nuts

Coating: Epoxy / Col Tar Epoxy/ Mastic Epoxy/ Glass Flake Epoxy

DESIGN PARAMETERS:

Nominal Pipe Size (NPS): any API Specification 5L pipe and wall thickness

Service: Standard (i.e. crude oil, natural gas, hydrocarbons, water, chemical, etc.)

Design Pressure Rating: up to ANSI Class 2500

Hydrostatic Test Pressure : 1.2-1.5 times Design Pressure Rating

Design Life: 25 years

APPLICABLE DESIGN CODES & STANDARDS:

ASME Section VIII, Division 1 and 2

ASME B31.4, ASME B31.8

ASME B18.2.1,

API SPEC 5L,

ASME PCC-2,

DNV-OS-F101, DNVGL-RP-F113,

API SPEC 6H,

NACE MR0175, ISO 15156.

CERTIFICATIONS:

IPICB Oil & Gas Type Approval Certificate

ISO 9001:2015– Accredited by BRSM Quality Management



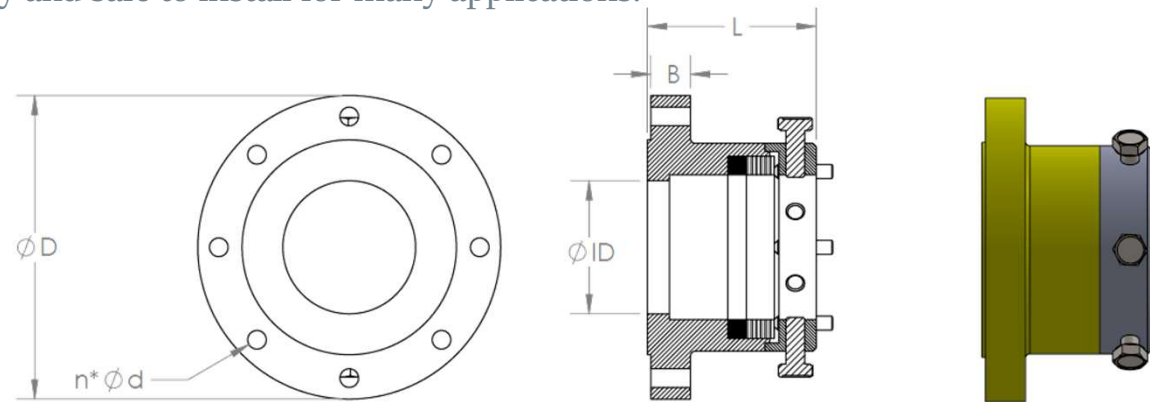
Weld Ends Flange

RADCO

Brochure

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The RADCO Weld Ends Flange is a mechanical fitting for making tie-in connections which does not require welding. Flanges are easy and safe to install for many applications.



Service	Oil / Gas/ Condensate/ Water/ Chemical
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Nominal pipe size (NPS)	4 inch~56 inch
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ANSI Pressure Rating	ASME/ANSI B16.5 , 16.47 #150 ~#2500
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Main Body Material	ASTM A105/ASTM A 516/ ASTM A694/ ASTM A106 For any other requirement contact RADCO
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Inboard seal	Buna-N packing is standard. HNBR, Viton, Silicone and other packings are available upon request.
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Coating	Epoxy / Col Tar Epoxy/ Mastic Epoxy
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Pipeline Nominal Size (in)	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	48	56
ANSI Rating	150		300		600		900		1500		2500											

4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	48	56		
150				300				600				900				1500				2500			

Product details for any sizes and ANSI ratings will be issued upon client request.