

DELIVERY HOSES

Universal offers high grade rubber compounded hoses with best reinforcement material meeting the need of almost every industrial application thus allowing single-source economies.

Hose Type & Construction	Nominal Bore I.D. in mm	O.D. (mm)	Working Pressure (bar)	Bursting Pressure (bar)	Tolerance in size	Roll Lengths Availability (in meters)	Application
AIR (synthetic fibre braided with fluted or plain outer cover) Type 1 conforming to IS:446	12.5	19	7	28	I.D.	30/50/75	Engineering workshop for pneumatic air, etc. Temp. - upto +65°C ● Colour - black
	16	23	7	28	-0.5 mm	30/50/75	
	19	28	7	28	+1.0 mm	30/50/75	
	25	34	7	28	O.D.	30/50/75	
	31.5	42	7	28	±1.25 mm	20/40	
	38	51	7	28		20	

For dimensions other than stated in respect of O.D., same can be manufactured in higher O.D.'s than stated in each range relevant to I.D.'s.



Air I.D. (mm) range 12.5 to 38 w.p. 7 bar

AIR
(Fibre synthétique tressé avec une couverture exterieur connelee ou plate)
AIRE
(Fibra sintetica galon confluata o Sencillo cubierta exterior)
AIR
(fibra sintetica trancada com cobertura exterior canelada ou lisa)
LUFT
(beflochtene Synthesefaser mit gerieftem/flachem Außendeckel)
LUCHT
(Synthetisch vezel geboord met gegroefde of vlakke buitenkant)
Воздух
(Желобовый или простой внешний покрыватель из оплетки синтетических волокон)

Ateliers techniques pour pneumatiques etc.
Ingenieria taller para aire neumatico etc.
Oficinas de engenharia para ar Pneumatico, etc.
aschinenbauwerke für Druckluft usw
achinebouw, pneumatische lucht, enzovoort
Индустриальные цеха для пневматического воздуха и т.д.

WELDING (GAS CUTTING) (synthetic fibre braided with flat fluted/ smooth cover) conforming to IS :447 & DIN 8541	6	14	12	50	I.D.	25/50/75/100	Steel mills, engineering workshop, thermal power stations, ship building, etc.
	8	16	12	50	±0.5mm	25/50/75/100	
	10	18	12	50	O.D.	25/50/75/100	
					±1.0mm		

Temp. - upto 65°C

sub. to tol. + 2 mts. per roll length

● Colour - Red: ACETYLENE
Blue: OXYGEN
Black: PROPANIOUM



Welding (Gas Cutting) I.D. (mm) range 6 to 10 w.p. 12 bar

SOUDEGE (COUPURE A GAZ)
(Fibre synthétique tressé avec une constricton couverture connelee plate)
SOLDADURA (GAS CORTANTE)
(Fibra sintetica galon con llano flautado liso cubierta)
SOLDAGEM (CORTADOR DE GAS)
Fibra sintetica trancada com canel chata e cobertura suave)
SCHWEIBUNG (GESTEINBOHRER)
(beflochtene Synthesefaser mit flachem gerieftem glattem Deckel)
OLDEREN (gasbranders)
(Synthetisch vezel geboord met een vlakke, gegroefde gladde buitenlaag)
Сваривание (газовое разрезки)
(Рукав с оплеткой синтетических волокон желобки Мягкие покрыватели)

Acieries, des ateliers d'ingénierie, des unités thermiques, navales, etc.
Fábrica de acero, talleres de ingeniería, estación de energía termal, construcción de barcos etc.
Fabricas de aço, oficinas de engenharia, estacoes de energia electrica, construcao de navios etc.
Stahlwerke, Maschinenbauwerke, Wärmekraftwerke, Schiffbau, usw

Staalindustrie, machinebouw, thermale energie opwekking, scheepsbouw, enz
фабрики стали инженерные цехи, тепловые станции стройки кораблей и т.д.

PNEUMATIC TOOL (AIR,HD) (synthetic fibre braided with smooth cover) Type 2 conforming to IS :446	5	12	14	40	I.D.	50/75/100	Structural shops, construction work, compressors, etc.
	6 <td>14 <td>14 <td>40 <td>-0.5mm</td> <td>50/75/100</td> </td></td></td>	14 <td>14 <td>40 <td>-0.5mm</td> <td>50/75/100</td> </td></td>	14 <td>40 <td>-0.5mm</td> <td>50/75/100</td> </td>	40 <td>-0.5mm</td> <td>50/75/100</td>	-0.5mm	50/75/100	
	8 <td>16 <td>14 <td>40 <td>+1.0mm</td> <td>50/75/100</td> </td></td></td>	16 <td>14 <td>40 <td>+1.0mm</td> <td>50/75/100</td> </td></td>	14 <td>40 <td>+1.0mm</td> <td>50/75/100</td> </td>	40 <td>+1.0mm</td> <td>50/75/100</td>	+1.0mm	50/75/100	
	10 <td>19 <td>14 <td>40 <td></td> <td>50/75/100</td> </td></td></td>	19 <td>14 <td>40 <td></td> <td>50/75/100</td> </td></td>	14 <td>40 <td></td> <td>50/75/100</td> </td>	40 <td></td> <td>50/75/100</td>		50/75/100	
	12.5 <td>23.5 <td>14 <td>40 <td>O.D.</td> <td>50/75/100</td> </td></td></td>	23.5 <td>14 <td>40 <td>O.D.</td> <td>50/75/100</td> </td></td>	14 <td>40 <td>O.D.</td> <td>50/75/100</td> </td>	40 <td>O.D.</td> <td>50/75/100</td>	O.D.	50/75/100	
	16 <td>26.5 <td>14 <td>40 <td>±1.25mm</td> <td>50/75/100</td> </td></td></td>	26.5 <td>14 <td>40 <td>±1.25mm</td> <td>50/75/100</td> </td></td>	14 <td>40 <td>±1.25mm</td> <td>50/75/100</td> </td>	40 <td>±1.25mm</td> <td>50/75/100</td>	±1.25mm	50/75/100	
OÙTILS PNEUMATIQUES (AIR,HD) (Fibre synthétique tressé avec une couverture fine)	19	31	14	40		50/75/100	Ateliers structuraux, travaux de construction, des compresseurs etc. Tiendas estructural, construcción compresora etc. Lojas estruturais, trabalho de construção, compressores, etc. Bauanlagen, Baustellen, Kompressoren, usw Machinebouw, constructie werk, compressoren, enz
NEUMATICA (HERRAMIENTA, AIRE HD) (Fibra sintetica galon con cubierta liso)	25	38	14	40		40/50/75	
INSTRUMENTO PNEUMATICO (AR, HD) (Fibra sintetica trancada com cobertura suave)	32	46	14	40		20/40	
PNEUMATISCHER WERKZEUG (LUFT, HD) (beflochtene Synthesefaser mit glattem Deckel)	38	55	14	40		20/40	
PNEUMATISCH GEREEDSCHAP (lucht, HD) (Synthetisch vezel geboord met geboord met een gladde buitenkant)	50	69	14	40		15.25/18	

Temp. - upto 65°C

sub. to tol. +5mts. per roll length upto 25mm I.D., +3mts. per roll length for above 25mm I.D.

● Colour - black Also in red colour at extra charges



Pneumatic Tool I.D. (mm) range 5 to 50 w.p. 14 bar

Пневматические орудия (Воздушный воздух)
(Мягкий покрыватель из оплетки синтетическими волокнами)

Структурные магазины сооружение, компрессоры, и т.д.



Hose Type & Construction	Nominal Bore I.D. in mm	O.D. (mm)	Working Pressure (bar)	Bursting Pressure (bar)	Tolerance in size	Roll Lengths Availability (in meters)	Application
WATER DELIVERY							
(synthetic fibre braided or plies of woven textile with smooth/cloth marked/fluted cover Type 2 conforming to IS: 444)	10	16	10	30	I.D. -0.5mm +1.25mm	40/50/75	Construction sites, irrigation, mines, railways, horticulture and various industries.
DISTRIBUTION D'EAU (Fibre synthétique tressé ou plié de textile tissé avec un revêtement cannelé/platé à toile)	12.5	19	10	30		40/50/75	
AGUA REPARTO (Fibra sintética galon cubos de marcado acabado cubierta)	16	23	10	30		40/50/75	
DISTRIBUICAO DE AGUA (Fibra sintética ou as camadas de textil com cobertura de pano/suave, marca/canelada)	19	28	10	30		40/50/75	
WASSERLEITUNG (beflochtene Synthesefaser/ Gewebsbeschichten mit glatten/stoffgeprägtem/geriefem Deckel)	25	34	10	30		40/50/75	
WATEROEVOER (Synthetisch vezel geboord of gelaagd met textielweefsel, voorzien van een gladde/textiel getekende of gegroefde buitenkant)	32	42	10	30	O.D. ±1.50mm	20/40	ite de construction, irrigation des mines, des chemins de fer, horticulture et d'autres industriels Sitio de construcción riegos, minas, minas ferróbãil, horticultura y tején textiles con liso o tela varios industries Locais de construcao, irrigacao, minas, estacoes de trem, hortitextil com cobertura de pano/suave cultura ve varias industriais. Baustellen, Bewässerung, Bergwerke, Eisenbahn, Gartenbau und viele andere Industrien Constructiewerkzaamheden, irrigatie, mijnen, spoorwegen, tuinbouw, diverse industrieën
ВОДНАЯ ДОСТАВКА (Синтетические волокна оилитные или слбы сливаемые тканы с мялким или покрыватели сделанны ткби)	38	51	10	30		20/40	
DISTRIBUICAO DE AGUA (Fibra sintética ou as camadas de textil com cobertura de pano/suave, marca/canelada)	45	56	10	30		15.25/18	
WASSERLEITUNG (beflochtene Synthesefaser/ Gewebsbeschichten mit glatten/stoffgeprägtem/geriefem Deckel)	50	63	10	30		15.25/18	
WATEROEVOER (Synthetisch vezel geboord of gelaagd met textielweefsel, voorzien van een gladde/textiel getekende of gegroefde buitenkant)	63	72	10	30		15.25	
	75	85	10	30		15.25	
	100	112	10	30		7.5	
	Temp. - upto 65°C			● Colour - black			
	sub. to tol. ± 5 mts. per roll length upto 25mm I.D., ± 3mts. per roll length for above 25mm I.D. ○ outside armouring provided, if required on extra charges.						



Water Delivery I.D. (mm) range 10 to 100

w.p. 10 bar

Hose Type & Construction	Nominal Bore I.D. in mm	O.D. (mm)	Working Pressure (bar)	Bursting Pressure (bar)	Tolerance in size	Roll Lengths Availability (in meters)	Application
NON CONDUCTIVE (Electrical)							
(Carbon free heat resistant rubberised plies of woven textile with white electrical resistant inner lining having cloth marked outer cover finish)	13	22	10	35	I.D. -0.75mm +1.50mm 35	15.25	Steel mills, glass work, etc. for use in electric power cables as an outer protective covering to avoid damage to cables & thus protecting leakage of current. Acierie, verrerie, etc. pour l'utilisation dans les cables électrique comme le couvreur de protection afin d'éviter tout dommage aux cables et donc parer contre la fuite de courant Fábrica de acero, fábrica de cristal etc. para uso en cable de electrico energia como una con cubierta protectora exterior interior para evitar daño a las cables y extasis protectando goteado comiente Fabricas de avo, trabalhos a vidro a serem utilizadas nos cabos eletricos como cobertura exterior protetiva para evitar danos aos cabos & assim proteger a goteira da corrente eletrica Stahlewurke, Glaschütte, usw zur verwendung mit elektrischen Kraftkabeln als äußere schützende Deckung. damit Kabeln nicht geschadet werden, und es keine Stromabgang gibt Staal-en glasindustrie enz. Voor de bescherming van elektriciteitskabels tegen beschadiging en lekken
NON-CONDUCTEUR (Electrique libre de carbon, resistant à la chaleur) (Des plies en extécaoutchouc de textile tissé avec un revêtement blanc intérieur resistant à l'électricité, ayant finition de couvreur extérieur de type en toile)	19	31	10	35		15.25	
INDUSTRIA (ELECTRICO CARBONO LIBRACTANO) (De caucho-cabos de tejen textiles blanco electrico resistente forro teniendo tela marcado rior cubierto acabado)	25	36.5	10	35		15.25	
NAO CONDUTOR (Resiste ao calor, carbono eletrico) (Camadas com borracha com tecido com resistente eletrico, com forro rior de pano e cobertura exterior)	31.5	45	10	35		15.25	
NICHT-LEITEND (elektrische, kohlenfreie, wärmefeste, gummierte, Gewebsbeschichten mit weiße, elektrifeste Innenfüllung mit stoff-geprägtem Außendeckel)	38	52	10	35		O.D. ±1.75mm	
NIET-GELEIDEND (Electrisch koolstof vrij) (Hittebestendig) (Gerubberiseerde lagen textielweefsel met witte electriciteits bestendige binnenvoering en een textiel getekende buitenlaag)	45	59	10	35	15.25		
с способствующий (Электрические без карбона пробные к теплоу. Резиновые слбы сливаемые тканом с белым электрическим пробным внутренней делон имеющие внешние покрыватели слды тканом)	50	65	10	35	15.25		
	63	78	10	35	15.25		
	70	85	10	35	15.25		
	75	90	10	35		15.25	
	88	104	10	35		15.25	
	Temp. upto 100°C			● Colour - green			
	Electrical resistance upto 11 KVA voltage. ○ Asbestos covering provided, if required on extra charges.						



Non-Conductive (Electrical) Carbon Free Heat Resistant I.D. (mm) range 13 to 88

w.p. 10 bar

Hose Type & Construction	Nominal Bore I.D. in mm	O.D. (mm)	Working Pressure (bar)	Bursting Pressure (bar)	Tolerance in size	Roll Lengths Availability (in meters)	Application
SAND BLASTING							
(Rubberised plies of woven textile with/ without as ordered copper wire for providing electrical continuity) conforming to IS : 5894	19	40	7	10	I.D. -0.75mm +1.50mm	15.25	Ordinance factories, steel furniture mfg. workshops, etc. for cleaning metal surfaces, smoothening castings, etching glasses, etc. Fabrication des armes, meuble en acier, ateliers de fabrication avec/ etc. pour essuyer la superficie de métal, moulage, gravure de Fábrica de artillería, muebles de acero, industrias de manufactura etc. para limpiar de superparaficie metal albandno mode aguaefuente cristal etc. verre etc. Fabricas de moveis de aco, oficina de superficies metalicom/sem cas, fundicao suave, marcacao de vidros etc. Munitionsfabriken, StahlObel Herstellungswerkstätten, usw zum Reinigen der Metalloberflächen Glätten der Gußwaren, Atzen von Glasen, usw Ordonnantie-industrie, staalindustrie, M.I.G. werkplaatsen enz. Voor het reinigen van metalen oppervlakken, het gladmaken van deklagen, het etsen van glas
LEST EN SABLE (Plies en caoutchouc de textile tissé le fils en cuivre pour rendre le continuite de courant)	25	46	7	10		15.25	
LIMPIAR CON CHORRO DE ASENA (Cabo de caucho de tejen textiles con/sin con se orden alambre de cobre proporcionando continuidad lectrica)	32	55	7	10		15.25	
EXPLOSAO DE AREIA (Camadas de borracha de tecido como fio de cobre encomendado para oferecer continuidade eletrica)	38	60	7	10		15.25	
SANDSTRAHLEN (gummierte Gewebsbeschichten mit/ohne Kupferdraht zur elektrischen Stetigkeit)	45	69	7	10		O.D. ±1.75mm	
ZANDSTRALEN (Gerubberiseerde lagen van geweven textiel te bestellen met of zonder koperbedrading voor de geleiding van electriciteit)	50	72	7	10	15.25		
Песочная Тча (резиновые слбы сливаемые тканом с/без как заказано медным про-водом для потока электрики)	63	85	7	10	15.25		
	75	100	7	10	15.25		
					15.25		
	Temp. upto 65°C			● Colour - black			



Sand Blasting I.D. (mm) range 19 to 75

w.p. 7 to 10 bar

Hose Type & Construction

Nominal Bore I.D. in mm O.D. (mm) Working Pressure (bar) Bursting Pressure (bar) Tolerance in size Roll Lengths Availability (in meters)

STEAM

(Synthetic fibre braided or plies of woven textile with HR lining highly flexible with smooth or cloth marked heat & abrasion resistant outer cover)
Conforming to BS :5122 Type 2 & IS :10655

VAPÈUR (Fibra sintètica braidada ou de plies d'un textile tissé avec revêtement HR, très flexible et une couverture résistante à la chaleur et l'abrasion)
VAPOR (Fibra sintètica braidada ou de plies de tecido com HR forro mas flexível com lino o tela marcado caliente o abrasion resistente cubierto exterior)
VAPOR (Fibra sintètica braidada ou de plies de tecido com HR, forro altamente flexível com tecido e cobertura exterior resistente ao calor e desgaste)

DAMPF (beflochtene Synthesefaser Gewebeschichten mit wärmeester FÜllung-glatte/stoff-geprägter wärme-und verschleißfest Außendeckel)
STOOM (Synthetisch vezel geboord of gelaagd met textielweefsel met H.R. voering, zeer flexibel met een gladde of textiel getekende bedekking welke hitte- en frictiebestendig is)

Пар (Синтетические волокна оплетанными или сшитыми тканью с теплозащитной прокладкой высокой гибкости с мягким или сделанным тканью стойкий покрытием к высокой температуре)

Temp. upto 153°C Sub. to tol. ±3mts • Colour-black
Also mfd. in blue or brown colour, if required on extra charges.

Also manufacture in wire braided type R7 as per SAE 100 in 1 wire & 2 wire from 10mm I.D. to 50mm for w.p. 10 bar & 14 bar respectively & temp. resistant upto 177°C.



Steam I.D. (mm) range 13 to 63 w.p. 3.5 bar (also hi temp. upto 173°C steam wire braided upto 18 bar pressure)

Steel mills, refineries, chemicals works, thermal power plants, etc. for supply of saturated steam.

Acieries, sucrerie, locomotives nourriture, atelier d'automobile, etc.

Fábrica de acero, fábrica de azúcar, locomotora, fábrica de tejen cerveza, comidatallor de automoitto vil etc.

Fabricas de aco, fabricas de acucar, bebidas alimentos, automovios terns etc.

Stahlwerke, zuckerraffinerien, Lokomotiven, Brauereien, Nahrungsmittel, Automobilwerke

Staalindustrie, suikerindustrie, locomotieven, brouwerijen, voodoelproductie, garage's

фабрики стали, сахарные фабрики, пищевые комбинаты, вагоны, автомашины

HOT WATER (HEATER)

(synthetic fibre braided or plies of woven textile with smooth or cloth marked finish cover) conforming to IS : 5821,5118 & DIN 47311

EAU CHAUDE

(Fibre synthétique tressé des plies en textiles tissé avec un revêtement finie à toile ou plat)

AGUA CABENTE

(Fibra sintetica galon o cabos tejen textiles com fabrica de marcado acabado cubierta)

AGUA QUENTE

(Fibra sintetica truncada ou as comadas com tecido textil-côm tissé cobertura de pano/suave, marca/canelada)

HEIBES WASSER

(beflochtene Synthesefaser/ Gewebeschichten mit glatter/stoffgeprägter Deckelhülle)

WARM WATERTOEVER

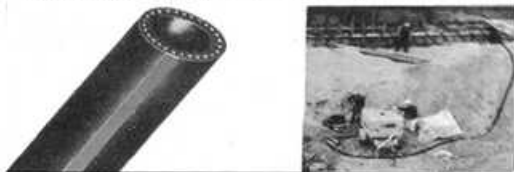
(Synthetisch vezel geboord of gelaagd met textielweefsel, plooiën met gladde of textiel getekende buitenkant)

Горячая вода

(Синтетическое волокно оплетанный или сшитый тканью с мягкой или сделанный тканью покрытие к высокой температуре)

13	19	10	30	I.D.	15.25/40/50
16	22	10	30	-0.5mm	15.25/40/50
19	27	10	30	+1.25mm	15.25/40/50
25	33	7	21		15.25
32	40	7	21	O.D.	15.25
38	48	7	21	±1.25mm	15.25
45	56	7	21		15.25
50	63	7	21		15.25
63	75	7	21		15.25

Temp. - upto 100°C • Colour - black
sub. to tol. ± 3 mts. per roll length upto 19 mm I.D. only.



Hot Water (Heater) I.D. (mm) range 13 to 63 w.p. 7 to 10 bar

Steel mills, sugar mills, locomotives, breweries, food, automobile workshops, etc.

Acieries, raffineries, travaux chimiques, unités thermiques, et pour la distribution de vapeur saturée

Fábrica de acero, refinaria quimico mecanismo, liso o tela energia termal etc. para suministrar saturado vapor

Fabricas de aco, refinarias, trabalhos quimicos, estacoes de energia termica etc. para producao de vapor saturado.

Naßdampfzufuhr Stahlwerke, Raffinerien, chemische Fabriken, Wärmekraftwerke, usw. zur Naßdampfzufuhr

Staalindustrie, raffinaderijen, chemische industrie, thermale energie opwekking, enz. Voor de toevoer van gesatureerde stoom

фабрики стали, рафинерные заводы, химические заводы, тепловые заводы, и т.д. для подачи насыщенного пара

HIGH PRESSURE RAYON BRAIDED

(oil resistant synthetic inner tube, double textile braid reinforcement & an oil and weather resistant synthetic rubber outer cover) conforming to R3 type SAE 100

RAYON MARQUE À HAUTE PRESSION

(Tuyau intérieur en synthétique à l'huile, renforcement tressé à double textile et en couverture extérieure en caoutchouc synthétique résistant à l'huile et au climat)

ALTO PRESSION RAYON MARCA

(aciete resistente sintetica tubo rior, doble textile galon reforzamiento y en aciete y tempo resistente sintetica cubierta exterior de caucho)

ALTA PRESSAO MARCA DE RAYON

(Tubo interior resistente ao oleo reforçamento truncado dobro & em oleo resistente ao clima, com cobertura exterior feita de borracha sintetica)

Temp. -- 40°C to + 93°C • Colour - black

End connections in B.S.P./Metric/ Unified provided, if required on extra charges



High Pressure Rayon Braided I.D. (mm) range 6.4 to 25.4 w.p. 38 to 94 bar

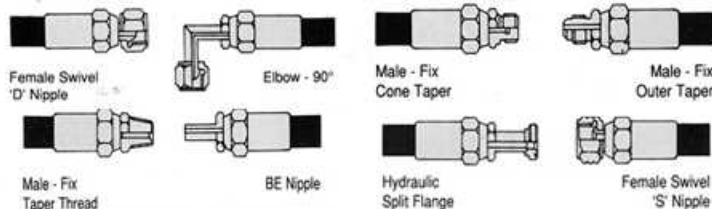
For use in medium to high pressure hydraulic oil, fuel oil, gasoline, air and water.

Pour l'utilisation de pression moyenne et haute, l'huile hyrésistant draulique carburant, gaz, l'air et l'eau

Para uso en mediano a alto presion hidráulico aciete, aciete into combustible gasolina, aire y agua

Para ser utilizado em pressao media e alta, oleo hidraulico, oleo combustivel, gasolina, ar e e agua

STANDARD HOSE ASSEMBLIES (END FITTINGS)



Hose Type & Construction

Nominal Bore I.D. in mm	O.D. (mm)	Working Pressure (bar)	Bursting Pressure (bar)	Tolerance in size	Roll Lengths Availability (in meters)
10	16	8	22	I.D.	15.25
13	19	8	22	-0.5mm	15.25
16	22	8	22	+1.25mm	15.25
19	27	8	22		15.25
25	33	8	22	O.D.	15.25
32	40	8	22	±1.0mm	15.25
38	48	8	22		15.25
45	56	8	22		15.25
50	63	8	22		15.25

Temp. - upto 70°C

Colour - black with brown stripes

*Also available for SUCTION service with wire helix embedded having corrugated cover.

** Built-in flanges & nipples provided, if required on extra charges

CHEMICAL TRANSFER (DILUTE)

(rubberised woven textile plies with seamless chemical resistant lining having smooth cover) conforming to IS 7654 Type 1

TRANSFERT DES PRODUITS CHIMIQUES (DILUES)
(Des plis à textile tissé en caoutchouc avec un revêtement résistant aux produits chimiques ayant une couverture avec une bonne finition)

QUIMICO TRANSFERENCIA (DILUIR)
(de caucho-tejen textiles cabos con sin costura quimico resistente forro teniendo liso cubierto)

TRANSFERENCIA QUIMICA (DILUICAO)
(Camadas de borracha com forro resistente aos produtos quimicos com cobertura suave)

CHEMISCHE ÜBERTRAGUNG (VERDÜNNT)
(gummierte Gewebeschichten mit nahtloser chemikalfester FÜllung mit glatter Decke)

CHEMISCH TRANSPORT (verdund)
(Gerubberiseerde lagen van textiel wefsel met naadloze, chemische bestendige voering en een glad oppervlak)

Химическая перевозка (резиновые сливаемые тканевые стобы с внешним линией проб-ный к химикалиуму имеющая мягкий покрыватель)



Chemical Transfer (Dilute)
I.D. (mm) range 10 to 50



w.p. 8 bar

RADIATOR

(Rubberised plies of woven textile with cloth marked outer cover resistant to hot ethylene glycol) Type 1 is with rubber lining & cover resistant to hot ethane diol, Type 2 is with rubber lining resistant to hot ethanediol & cover resistant to hot oil, Type 3 is with rubber lining & cover resistant to hot oil, conforming to IS :2765 & SAE 100 R 20

RADIATEUR (Plis en caoutchouc de textile tissé le avec revêtement extérieur résistant à éthylène glycol chaud) Type1 est avec revêtement en caoutchouc et résistant à l'éthanediol. Type2 est avec revêtement en caoutchouc résistant à l'éthane diol et le revêtement résistant à l'huile chaude. Type3 est avec le revêtement en caoutchouc et la couverture résistante à l'huile chaude)

RADIDOR

(de caucho-cabos de tejen textiles con tela marcado cubierta exterior resistente a) Tipo1. es con forro de caucho y cubierta resistente a caliente Tipo2. es con forro de caucho resistente a caliente y cubierta resistente a aciete caliente Tipo3.es con forro de caucho y cubierta resistente a acieto caliente)

RADIADOR

(Camadas de borracha de tecido, com cobertura exterior resistente ao gicol etileno quente). Tipo 1 e com borracha forro e cobertura resistente ao diol etileno quente. Tipo 2 e com borracha, forro, resistente ao oleo quente. Tipo 3 e com forro de borracha e cobertura resistente ao oleo quente).

10	16.7	10	32	I.D.	15.25
13	20	10	30	-0.5mm	15.25
16	23	10	25	+1.25mm	15.25
19	28	9	22		15.25
22	32	9	21	O.D.	15.25
25	35	8	19	±0.75mm	15.25
28	38	7.5	17		15.25
32	41	7	15		15.25
35	45	7	15		15.25
38	48	7	14		15.25
45	56	6	12		15.25
50	63	5	10		15.25
56	70	4	8		15.25
63	77	3.5	7		15.25
70	84	3	6		15.25
75	90	2.5	5		15.25

Temp. -upto 110°C

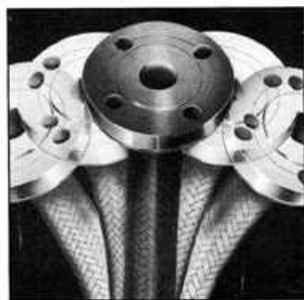
Colour -green/black



Radiator
I.D. (mm) range 10 to 88



w.p.2 to 10 bar



FLANGES

Note : Alphabets A, B, C in Tables imply : A = flange thickness; B = dia of flange; C = dia of bolt circle (P.C.D.)

BS. (BS. 10:1962)

Nominal pipe bore (inch)	TABLE D (steam pressure upto 50 psi)				
	A	B	C	Bolts dia.	Bolts no.
1/2	3/16	3/4	2 5/8	1/2	4
3/4	3/16	4	2 7/8	1/2	4
1	3/16	4 1/2	3 1/4	1/2	4
1 1/4	1/4	4 3/4	3 7/8	1/2	4
1 1/2	1/4	5 1/4	3 7/8	1/2	4
2	5/16	6	4 1/2	5/8	4
2 1/2	5/16	6 1/2	5	5/8	4
3	3/8	7 1/4	5 3/4	5/8	4
4	3/8	8 1/2	7	5/8	4
5	1/2	10	8 1/4	5/8	8
6	1/2	11	3 1/4	5/8	8

